SWIM

CANADA

DECEMBER 1981 / NUMBER 78

Julie Daigneault, 16, Pointe Claire Swim Club winner of four gold medals at the 1981 Esso Cup/Summer Nationals. The Quebec Section's nominee for Athlete of the Year in Quebec.

arena®

Surf Shorts, T-shirts & Accessories

Official Supplier to The Canadian Amateur Swimming Association

Contact your local sporting goods dealers and department stores.

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

Calendar

DEC		
4-6	*Canada Cup 1 (Etobicoke)*	*Senior (25 m)*
	UCSC Invitational (Calgary)	17 & under (25 m)
10-13	Youth Cup (NYAC at Olympium)	14 & under (25 m)
11-13	Pointe Claire Invitational	Age Group (25 m)
	Prairie Invitational (Winnipeg)	Age Group (25 m)
JAN		
8-10	Quebec Cup 1 (Pointe Claire)	Senior (25 m)
	Olympian Invitational (Edmonton)	Sen & Age Group (25 m)
	Kelowna Invitational (BC)	Age Group (25 m)
	US Invitational (Gainesville, Fla.)	*National Team (25 m)*
15-17	Crusader Invitational (Dartmouth, NS)	Sen & Age Group (25 m)
	Markham Invitational (Ont)	Sen & Age Group (25 m)
	Guelph Invitational (Ont)	Sen & Age Group (25 m)
	Regina Invitational	Sen & Age Group (25 m)
	Warthog Invitational (New Westminster)	Senior (50 m)
22-24	PEI Age Group	Age Group (25 m)
	Marlin Invitational (Winnipeg)	Senior (25 m)
	UCSC Invitational (Calgary)	Senior (25 m)
	Pacific Sprint Meet (Vancouver)	Age Group (25 m)
29-31	Sherbrooke Invitational (PQ)	Senior (25 m)
	Ontario A & AA Team Championships	Senior & Age Group (25 m)
	Laser Invitational (Saskatoon)	Sen & Age Group (25 m)
	Vancouver Island Champs (Nanaimo)	Sen & Age Group (25 m)
Jan. 29 — Feb. 7 Canadian Speedo Distance Swimming Week		
FEB		
5-7	Quebec Cup 2 (Quebec City)	Senior (25 m)
	Alberta Championships	Sen & Age Group (25 m)
	BC Championships (Vancouver)	Senior (25 m)
12-14	Newfoundland Championships (Aquar)	Senior (25 m)
	Nova Scotia Championships (Halifax)	Sen & Age Group (25 m)
	Valentine Invitational (Mississauga)	Sen & Age Group (25 m)
	St. James Seals Invitational (Winnipeg)	Sen & Age Group (25 m)
19-21	Beaconsfield Invitational (PQ)	Age Group (25 m)
26-28	East Coast Championships (Moncton)	Sen & Age Group (25 m)
	Quebec Championships	Senior (25 m)
	Ontario Championships (Sudbury)	Senior (25 m)
	Saskatchewan Champs. (Saskatoon)	Sen & Age Group (25 m)
	BC Championships (Vancouver)	Age Group (25 m)
MAR		
5-7	Quebec Championships	Age Group (25 m)
	Cambridge Invitational (Ont)	Age Group (25 m)
	CIAU Championships (UBC Vancouver)	Universities (25 m)
	Ontario High School Championships	High Schools (25 m)
	Manitoba Championships (Winnipeg)	Sen & Age Group (25 m)
17-20	**Winter Nationals (Brantford)**	**Senior (25 m)**
20-21	Selkirk Invitational (Man)	Age Group (25 m)

Swim

December 1981
Volume 8, Number 10
Consecutive number 78

N. J. Thierry
Editor & Publisher

SWIM established in 1974, is published monthly, except October and November.
402 King Street East, Toronto, Ontario
M5A 1L3, Canada

International Standard Serial Number
ISSN 0319 — 0560
Second class mail registration no. 3534, Toronto South Central.
Contents are
Note: permission to reprint articles or excerpts from contents is prohibited without permission from the publisher.
Change of address: send new address and old label, six weeks before moving.

Contents

3 Calendar
4 Men's World Best 1981
5 Women's World Best 1981
6 Natation Quebec
7 European Championships
8 Record Round-Up
World, Commonwealth, Canadian
(Short and long course)
9 National Age Group Records
11 Making Waves
12 1981 Canadian Rankings - Men
13 1981 Canadian Rankings - Women
14 Swim Info

mod
INTERNATIONAL
Swim Shop

YOUR
SPEEDO®
HEADQUARTERS

Hudson House,
321 Water Street
Vancouver, B.C.
V6B 1B8
Tel: (604) 683-7214

1981
ELECTRONIC
SPORTS
TIMING

PLAN NOW TO TAKE PART IN THE
Canadian Speedo Distance Swimming Week
January 29 — February 7, 1981

Men's World Best 1981

Ranking compiled by N.J.Thierry ©

Graph is established by scoring to 15 places

Alex Baumann,CAN

Rowdy Gaines,USA

Vladimir Salnikov,URS

Adrian Moorehouse,GBR

Sandor Wladar,HUN

100 metres freestyle
*49.36 Rowdy Gaines,USA
50.14 Jorg Woithe,DDR
50.23 Chris Cavanaugh,USA
50.40 Robin Leamy,USA
50.55 Per Johansson,SWE
50.60 Kris Kirchner,USA
50.83 Sergei Krasiuk,URS
50.94 Sergei Smiriagin,URS
51.04 Andreas Schmidt,FRG
51.07 Bill Barrett,USA
51.16 Rick DeMont,USA
51.17 S.Kopliakov,URS
51.19 Pelle Holmertz,SWE
51.23 Jim Montgomery,USA
51.23 David Larson,USA

200 metres freestyle
1:50.64 Michael Gross,FRG
1:50.68 David Larson,USA
1:50.91 Doug Towne,USA
1:51.07 S.Kopliakov,URS
1:51.12 John Hillencamp,USA
1:51.14 Alex Baumann,CAN
1:51.23 F.Wennmann,FRG
1:51.60 Rich Saeger,USA
1:51.62 Mike Soderlund,SWE
1:51.74 Chris Cavanaugh,USA
1:51.82 Vlad.Shemetov,URS
1:51.85 Fabr.Rampazzo,ITA
1:51.92 Paolo Revelli,ITA
1:52.09 Borut Petric,YUG
1:52.09 Jorg Woithe,DDR

400 metres freestyle
3:51.57 Vlad.Salnikov,URS
3:51.63 Borut Petric,YUG
3:51.98 Jeff Float,USA
3:53.71 Darjan Petric,YUG
3:53.73 Peter Szmidt,CAN
3:54.35 Arne Borgstrom,NOR
3:54.49 Doug Towne,USA
3:55.35 Ger ald Schlupp,FRG
3:55.74 Dan Machek,CZE
3:55.86 Sandor Nagy,HUN
3:55.87 J.Hillencamp,USA
3:55.93 Andrew Astbury,GBR
3:55.93 Bruce Hayes,USA
3:56.04 Rainer Henkel,FRG
3:56.19 Alex Chaev,URS

1500 metres freestyle
15:09.17 Vlad.Salnikov,URS
15:17.31 Borut Petric,YUG
15:17.93 Rafael Escalas,SPA
15:19.35 Alex Chaev,URS
15:21.09 Rainer Henkel,FRG
15:21.20 Darjan Petric,YUG
15:23.86 Max Metzger,AUS
15:27.05 R.Strochbach,DDR
15:28.77 Bruce Hayes,USA
15:30.10 David Sims,USA
15:31.16 Jeff Kostoff,USA
15:32.37 Paul Budd,USA
15:33.40 Ron Neugent,USA
15:33.80 Zoltan Wladar,HUN
15:36.05 Bari Weick,USA

100 metres backstroke
56.42 Viktor Kuznetsov,URS
56.58 Rick Carey,USA
56.72 Sandor Wladar,HUN
56.75 Vlad.Shemetov,URS
56.92 Bengt Baron,SWE
56.92 Dirk Richter,DDR
57.16 Mike West,CAN
57.35 Alex Sidorenko,URS
57.47 John Engs,USA
57.47 Dave Bottom,USA
57.55 Peter Rocca,USA
57.59 David Wilson,USA
57.60 Tom Jager,USA
57.62 S.Zabolotnov,URS
57.73 Clay Britt,USA

200 metres backstroke
2:00.80 Sandor Wladar,HUN
2:01.32 Vlad.Shemetov,URS
2:01.50 Jesse Vassallo,USA
2:02.64 Steve Barnicoat,USA
2:02.73 Cam Henning,CAN
2:02.81 Rick Carey,USA
2:02.99 S.Zabolotnov,URS
2:03.35 Fred.Delcourt,FRA
2:03.67 John Engs,USA
2:03.73 Djan Madruga,BRA
2:03.84 Thomas Lebherz,FRG
2:03.90 Frank Baltrusch,DDR
2:04.20 Kyle Miller,USA
2:04.36 Mike Conaton,USA
2:04.50 Dirk Richter,DDR

100 metres breaststroke
1:03.20 Rickie Gill,USA
1:03.26 Peter Evans,AUS
1:03.44 Yuri Kis,URS
1:03.53 Steve Lundquist,USA
1:03.60 Arsen Miskarov,URS
1:03.80 Nick Nevid,USA
1:03.85 Gerald Morken,FRG
1:03.91 Dave Chernek,USA
1:03.98 John Moffet,USA
1:04.13 A.Moorhouse,GBR
1:04.19 Peter Lang,FRG
1:04.22 Janos Dzvonyar,HUN
1:04.24 Victor Davis,CAN
1:04.36 Doug Soltis,USA
1:04.41 Bill Barrett,USA

200 metres breaststroke
2:16.15 Robertas Zulpa,URS
2:18.08 Arsen Miskarov,URS
2:18.14 A.Moorehouse,GBR
2:18.25 Artur Shektel,URS
2:18.92 Alban Vermes,HUN
2:19.00 Timur Podmarev,URS
2:19.27 Nick Nevid,USA
2:19.48 John Moffet,USA
2:19.51 A.Fedorovski,URS
2:19.53 Victor Davis,CAN
2:19.60 Raff.Avagnano,ITA
2:20.05 Yuri Kis,URS
2:20.06 SergeiShurinski,URS
2:20.45 Lindsay Spencer,AUS
2:20.58 Gerald Morken,FRG

100 metres butterfly
*53.81 Bill Paulus,USA
53.96 Matt Gribble,USA
54.39 Alex Markovski,URS
54.52 Michael Gross,FRG
54.60 Par Arvidsson,SWE
54.84 Jim Halliburton,USA
54.89 Dan Thompson,CAN
55.00 V.Dombrovski,URS
55.08 Andreas Behrend,FRG
55.10 Steve Smith,USA
55.19 D.Lopez-Zubero,SPA
55.19 Bob Placak,USA
55.35 Craig Beardsley,USA
55.38 Robin Leamy,USA
55.44 Jeff Stuart,USA

200 metres butterfly
*1:58.01 Craig Beardsley,USA
1:59.19 Michael Gross,FRG
2:00.21 Phil Hubble,GBR
2:00.34 Jeff Float,USA
2:00.36 Sergei Fesenko,URS
2:00.72 Chris Rives,USA
2:00.78 Peter Ward,CAN
2:00.87 Paolo Revelli,ITA
2:01.38 Bruce Dorman,USA
2:01.49 Ricardo Prado,BRA
2:01.60 Paul Rowe,AUS
2:01.62 Steve Smith,USA
2:01.64 Gerald Schlupp,FRG
2:01.67 Dennis Baker,USA
2:01.84 R.VonJouanne,USA

200 metres individual medley
2:02.78 Alex Baumann,CAN
2:03.26 Bill Barrett,USA
2:03.41 Alex Sidorenko,URS
2:03.68 Jesse Vassallo,USA
2:04.42 Chris Cavanaugh,USA
2:04.72 Ricardo Prado,BRA
2:04.97 G.Franceschi,ITA
2:05.28 Graham Smith,CAN
2:05.91 Artur Shektel,URS
2:06.08 R.Von Jouanne,USA
2:06.15 Josef Hladky,CZE
2:06.17 Leszek Gorski,POL
2:06.25 D.Lopez-Zubero,SPA
2:06.30 Steve Lunquist,USA
2:06.34 Sergei Fesenko,URS

400 metres individual medley
4:20.33 Jesse Vassallo,USA
4:22.06 Ricardo Prado,BRA
4:22.39 Alex Baumann,CAN
4:22.77 Sergei Fesenko,URS
4:23.62 Leszek Gorski,POL
4:24.24 Jeff Float,USA
4:24.82 G.Franceschi,ITA
4:26.76 Cam Reid,CAN
4:26.86 Vlad.Shemetov,URS
4:27.05 Alex Sidorenko,URS
4:27.85 Roger Madruga,BRA
4:28.27 Chuck Bauman,USA
4:28.42 Jens-P.Berndt,DDR
4:28.50 Steve Poulter,GBR
4:29.51 Dan Machek,CZE

4x100 metres medley relay
3:44.23 Soviet Union
3:45.01 Sweden
3:45.66 German Dem.Republic
3:45.70 Longhorn Aq.USA
3:45.78 Fed.Rep. Germany
3:46.06 United States
3:46.28 Mission Viejo,USA
3:47.10 Canada
3:49.33 Florida Aq.USA
3:49.60 Tucson FJ. USA
3:49.80 Cdn.Dolphin SC,CAN
3:50.55 Australia
3:50.87 Spain
3:51.65 Cinci-Marlins,USA
3:51.71 Reg.of Waterloo,CAN

4x100 metres free relay
3:21.48 United States
3:21.48 Soviet Union
3:22.48 Sweden
3:22.67 Fed.Rep.Germany
3:22.99 Mission Viejo A, USA
3:23.64 Florida Aq. USA
3:24.10 Longhorn Aq, USA
3:24.38 German Dem.Republic
3:25.32 Italy
3:25.92 Mission Viejo 'B' USA
3:26.63 Tucson FJ, USA
3:28.23 Spain
3:28.41 Badger Dolphin,USA
3:28.41 Dallas DP, USA
3:28.56 Switzerland

4x200 metres free relay
7:22.23 United States
7:24.41 Soviet Union
7:25.22 Fed.Rep.Germany
7:27.78 Sweden
7:27.92 Italy
7:30.23 Florida Aq, USA
7:30.74 German Dem.Republic
7:32.38 Canada
7:33.00 France
7:34.48 Longhorn Aq.USA
7:34.49 Kharkov,URS
7:34.63 Mission Viejo B,USA
7:34.80 Tucson FJ, USA
7:35.45 Great Britain
7:35.46 Mission Viejo A,USA

Women's World Best 1981

Ranking compiled by N.J.Thierry ©

United States 1042

German Dem.Rep. 869

Soviet Union 184

Australia 132

Fed.Rep.Germany 125

Holland 104

Great Britain 77

Japan 73

Canada 69

Romania 47

Graph is established by scoring to 15 places

Mary T.Meagher,USA

Ines Geissler,DDR

Cornelia Polit,DDR

Ute Geweniger,DDR

100 metres freestyle
55.64 Caren Metschuk,DDR
56.06 Birgit Meineke,DDR
56.23 C.Woodhead,USA
56.25 Jill Sterkel,USA
56.58 Sue Habernigg,USA
56.60 Carol Klimpel,CAN
56.63 Tracy Caulkins,USA
56.64 A-M.Verstappen,HOL
56.64 Ines Diers,DDR
56.73 C.VanBentum,HOL
56.75 Agneta Eriksson,SWE
56.77 Annie Lett,USA
56.84 Susanne Link,DDR
56.93 Marion Aizpors,FRG
57.01 Juen Croft,GBR

200 metres freestyle
1:58.65 C.Woodhead,USA
2:00.05 M-B.Linzmeier,USA
2:00.27 Carmela Schmidt,DDR
2:00.57 Birgit Meineke,DDR
2:01.00 Ina Beyermann,FRG
2:01.04 Tracy Caulkins,USA
2:01.14 Mary T.Meagher,USA
2:01.15 C.VanBentum,HOL
2:01.38 Ines Diers,DDR
2:01.80 Tiffany Cohen,USA
2:01.82 Susanne Link,DDR
2:02.74 Mary Wayte,USA
2:02.80 Sue Habernigg,USA
2:02.85 Susanne Schuster,FRG
2:02.91 Kim Linehan,USA

400 metres freestyle
4:08.58 Ines Diers,DDR
4:08.71 Carmela Schmidt,DDR
4:09.88 Tiffany Cohen,USA
4:09.97 M-B.Linzmeier,USA
4:11.31 Tracey Wickham,AUS
4:13.18 Petra Schneider,DDR
4:13.98 Kim Linehan,USA
4:14.40 Rosemarie Brown,AUS
4:14.55 Ina Beyermann,FRG
4:14.87 Ines Geissler,DDR
4:15.05 Sherri Hanna,USA
4:15.23 Jackie Willmott,GBR
4:15.50 Irina Laricheva,URS
4:15.90 Susie Baumer,AUS
4:15.95 Andrea Hille,DDR

800 metres freestyle
8:27.80 M-B.Linzmeier,USA
8:32.05 Kim Linehan,USA
8:32.79 Carmela Schmidt,DDR
8:32.89 Ines Diers,DDR
8:32.96 Tiffany Cohen,USA
8:33.65 Tracey Wickham,AUS
8:35.07 Florence Barker,USA
8:37.22 Jackie Willmott,GBR
8:37.70 Karin LaBerge,USA
8:39.74 Heike Dahne,DDR
8:40.69 L.Campuzano,USA
8:42.70 Sherri Hanna,USA
8:42.92 Ines Geissler,DDR
8:44.12 Irina Laricheva,URS
8:44.22 Irina Aksenova,URS

1500 metres freestyle
16:11.60 Michelle Ford,AUS
16:16.86 M-B.Linzmeier,USA
16:18.24 Tiffany Cohen,USA
16:24.58 Karin LaBerge,USA
16:26.73 Tracey Wickham,AUS
16:27.37 Florence Barker,USA
16:27.89 Ines Diers,DDR
16:29.09 Kim Linehan,USA
16:29.20 Sherri Hanna,USA
16:33.12 L.Campuzano,USA
16:35.76 Trudy Housman,AUS
16:36.51 Rosemarie Brown,AUS
16:40.22 Susan Andra,USA
16:43.07 Lisa Hazen,USA
16:45.73 Susie Baumer,AUS

100 metres backstroke
1:02.19 Carmen Bunanciu,ROM
1:02.74 Ina Kleber,DDR
1:02.87 Cornelia Polit,DDR
1:03.04 Theresa Andrews,USA
1:03.09 Sue Walsh,USA
1:03.49 Petra Riedel,DDR
1:03.50 L.Gorchakova,URS
1:03.65 Kim Carlisle,USA
1:03.86 Debbie Risen,USA
1:03.94 Birgit Meineke,DDR
1:03.99 Libby Kinkead,USA
1:04.04 Caren Metschuk,DDR
1:04.05 Kerstin Otto,DDR
1:04.23 Y.DeRover,HOL
1:04.25 Marion Aizpors,FRG

200 metres backstroke
2:12.55 Cornelia Polit,DDR
2:13.21 Carmen Bunanciu,ROM
2:14.46 L.Gorchakova,URS
2:15.13 Libby Kinkead,USA
2:15.22 Y. DeRover,HOL
2:15.36 Lisa Forrest,AUS
2:15.39 Debbie Risen,USA
2:15.42 Ina Kleber,DDR
2:15.65 Petra Riedel,DDR
2:15.70 Patty Gavin,USA
2:15.74 Y.V.d.Straaten,BEL
2:15.91 Cheryl Gibson,CAN
2:16.52 Sue Walsh,USA
2:16.82 Marion Aizpors,FRG
2:16.87 Ute Geweniger,DDR

100 metres breaststroke
*1:08.60 Ute Geweniger,DDR
1:09.53 Tracy Caulkins,USA
1:10.50 Larisa Belokon,URS
1:11.05 Susan Brownsdon,GBR
1:11.21 Elvira Vasilkova,URS
1:11.47 T.Bogomilova,BUL
1:11.75 Silke Horner,DDR
1:11.87 Shannon Orcutt,USA
1:12.18 Grazyna Dziedzic,POL
1:12.21 Petra Schneider,DDR
1:12.37 Aika Buzelite,URS
1:12.39 P.VanStaveren,HOL
1:12.41 E-M.Hakansson,SWE
1:12.41 Hiroko Nagasaki,JAP
1:12.43 Jeanne Childs,USA

200 metres breaststroke
2:31.60 Ute Geweniger,DDR
2:32.43 Tracy Caulkins,USA
2:32.65 Jeanne Childs,USA
2:33.07 Larisa Belokon,URS
2:34.04 K.Rhodenbaugh,USA
2:34.20 T.Bogomilova,BUL
2:34.43 Susan Brownsdon,GBR
2:34.60 Aika Buzelite,URS
2:34.70 Svetl.Varganova,URS
2:34.81 Grit Slaby,DDR
2:34.86 Susan Rapp,USA
2:34.99 Sveta Alimbaeva,URS
2:35.29 Hiroko Nagasaki,JAP
2:35.35 Grazyna Dziedzic,POL
2:35.86 L.Kashushite,URS

100 metres butterfly
* 57.93 Mary T.Meagher,USA
1:00.40 Ute Geweniger,DDR
1:00.68 Ines Geissler,DDR
1:00.75 M.Buddemeyer,USA
1:00.89 Takemi Ise,JAP
1:01.25 Karin Seick,FRG
1:01.14 Naoko Kume,JAP
1:01.16 Tracy Caulkins,USA
1:01.24 Caren Metschuk,DDR
1:01.38 Patty King,USA
1:01.51 Jill Sterkel,USA
1:01.92 Martina Muller,DDR
1:01.96 Lisa Curry,AUS
1:02.00 Lisa Buese,USA
1:02.03 T-A.McGuirk,USA

200 metres butterfly
*2:05.96 Mary T.Meagher,USA
2:08.50 Ines Geissler,DDR
2:09.59 Heike Dahne,DDR
2:12.16 Anett Kalatz,DDR
2:12.46 M.Yokoyama,USA
2:13.19 Takemi Ise,JAP
2:13.22 Michelle Ford,AUS
2:13.43 Andrea Hille,DDR
2:13.47 Agnieszka Czopek,POL
2:13.72 Naoko Kume,JAP
2:13.88 Macie Phillips,USA
2:14.11 Tracy Caulkins,USA
2:14.21 C.Savi-Scarponi,ITA
2:14.44 Doris Wiebke,FRG
2:14.42 T-A.McGuirk,USA

200 metres individual medley
*2:11.73 Ute Geweniger,DDR
2:13.49 Petra Schneider,DDR
2:14.18 Tracy Caulkins,USA
2:17.05 Grit Slaby,DDR
2:17.63 C.Woodhead,USA
2:17.65 Patty Gavin,USA
2:18.38 Kathleen Nord,DDR
2:18.97 Michelle Pearson,AUS
2:19.10 Olga Klevakina,URS
2:19.30 Anett Kalatz,DDR
2:19.43 Agnieszka Czopek,POL
2:19.52 C.Savi-Scarponi,ITA
2:19.73 Grazyna Dziedzic,POL
2:19.92 Gayle Hegel,USA
2:19.94 Petra Zindler,FRG

400 metres individual medley
4:39.30 Petra Schneider,DDR
4:43.47 Tracy Caulkins,USA
4:45.53 Ute Geweniger,DDR
4:47.62 Grit Slaby,DDR
4:48.51 Patty Gavin,USA
4:50.12 Mich MacPherson,CAN
4:50.75 Agnieszka Czopek,POL
4:51.40 Karin LaBerge,USA
4:51.82 Kathleen Nord,DDR
4:51.84 Diane Ursin,USA
4:52.34 Petra Zindler,FRG
4:52.75 Katrin Bomstad,NOR
4:53.10 Cheryl Gibson,CAN
4:53.57 Grazyna Dziedzic,POL
4:54.07 Vera Barker,USA

4x100 metres medley relay
4:09.72 German Dem.Republic
4:11.97 United States
4:12.56 Karl-Marx Stadt,DDR
4:13.23 Soviet Union
4:13.42 Fed.Republic Germany
4:13.83 Mission Viejo,USA
4:14.13 Holland
4:14.60 Japan
4:14.82 Great Britain
4:16.51 Nashville AC,USA
4:17.38 Cici-Marlins, USA
4:18.14 Italay
4:18.19 Canada
4:18.59 Dynamo Berlin,DDR
4:18.68 Karl Marx Stadt'B'DDR

4x100 metres free relay
3:44.37 German Dem.Republic
3:45.68 Mission Viejo,USA
3:47.42 Fed.Republic Germany
3:47.94 United States
3:49.65 Holland
3:50.23 Canada
3:50.54 Nashville AC,USA
3:50.82 Karl-Marx Stad,DDR
3:51.06 Great Britain
3:51.14 Westchester SC,USA
3:51.21 Lakeside AC,USA
3:51.49 Industry Hills, USA
3:51.67 Florida Aq.'B' USA
3:51.80 Soviet Union
3:52.07 Sweden

Natation Québec

Fédération de Natation du Québec
1415 est, rue Jarry,
Montréal, Québec, H2E 2Z7
Tel: (514) 374-4700

LA NATATION A L'HONNEUR AU MERITE SPORTIF QUEBECOIS

Comme à chaque année, la Société des Sports du Québec honore ceux qui se sont distingués le plus dans les catégories d'élite. La Fédération a donc choisi les aspirants qui devront la représenter au grand gala de l'hôtel Méridien, le 21 novembre. Dans la catégorie athlète, le choix s'est porté sur Julie Daigneault, la grande étoile de la Coupe Esso qui a remporté 4 médaills d'or; dans la catégorie entraîneur, Ken McKinnon, également récipiandaire du titre de meilleur entraîneur senior au Québec; dans la catégorie administrateur, Léo-Paul Bonin, président de la Fédération et réélu Vice-Chairman de l'ACNA au dernier congrès de l'ACNA les 3-4 octobre; dans la catégorie officiel, qui d'autre pouvait mieux représenter le Québec que celui qui a été couronné officiel national de l'année, André Ladouceur?

Lors d'une conférence de presse, on annonçait que Ken McKinnon, Léo-Paul Bonin et André Ladouceur étaient finalsites dans leur catégorie respective. Ce n'est que le 21 novembre que nous connaîtrons le grand vainqueur de ce concours.

Quant à l'athlète par excellence, nous connaîtrons les résultats des juges le 29 novembre, au Centre Claude-Robillard.

LE COMITE DES OFFICIELS SE RESTRUCTURE

Suite à une récente étude de la structure du comité des officiels effectuée par Mme Henriette Parent et MM. Gilles Brunet et Yvon Laroche, le président de la Fédération a annoncé que Serge Goulet serait désormais responsable de ce comité. Il sera assisté par Art Birchenough de la région St-Louis, Gilles Brunet de la région Métropolitaine, George Dorval de Québec et Tickie Pincott de la région Centrale.

LOTO-NATATION VOIT LE JOUR

La Fédération de Natation suggère aux clubs ou associations un programme d'autofinancement qui n'exige aucun investissement financier initial: une loterie. L'enjeu de cette loterie se compose de 4 prix: 2 voyages, une chaîne stéréophonique et un ensemle Speedo. Si tous les clubs participaient, non seulement ceux-ci y gagneraient puisqu'ils conservent 75% du profit, mais la Fédération pourrait investir dans des programmes qui profiteront à tous.

LES FICHES DE DETECTION DE TALENT SONT MAINTENANT DISPONIBLES

Parent, si vous désirez connaître la condition physique de votre enfant et les limites de son endurance, son potentiel et sa capacité aérobique, ses mesures anthropométriques et sa force musculaire, demandez à son entraîneur de lui faire passer le test de détection de talent. En effet, comme par les années passées, la Fédération recommande fortement ce test et met dès maitenant de nouvelles fiches de détection de talent à l'usage des clubs. Il est à souligner que le test ne peut être effectué que si la fiche est correctement remplie. On peut en faire la demande à André Fournier ou Edgar Théorêt (514) 374-4700 postes 256-257.

ON AURAIT BESOIN DE BENEVOLES POUR LE SYSTEME INFORMATIQUE . . .

Certains se souviendront qu'autrefois, les formules d'affiliation étainet manipulées par des bénévoles qui sacrifiaient quelques heures pour accélérer le processus d'affiliation. Nois aimerions continuer cette tradition en invitant les bénévoles à venir nous donner un coup de main pour l'affiliation des nageurs sur le système informatique.

Un autre groupe de bénévoles pourra aussi être affecté à la compilation du dossier des officiels. Ceux et celles qui sont intéressés peuvent contacter Pierre Viau à la Fédération.

PROGRAMME 35%

Nous vous présentons ici la liste des athlètes du programme 35% ainsi que les critères qui ont influencé leur sélection:

Athlètes d'élite "A"

L'athlète "A" a réussi les standards exigés lors de la Coupe Esso, Jeux du Canada, rencontre URSS/Canada/Allemagne et Jeux Etudiants Mondiaux. Ces standards représentent 2.5% de plus que les temps nécessaires pour accéder à l'Equipe Nationale "C".

Johanne Chevalier, Univ.de Montréal
Danielle Clément, Laval
Michèle Coulombe, Laval
Nathalie Gingras, CAMO
Christina Quosdorf, Beaconsfield
Linda Sanders, Pointe-Claire
Chantal Venne, Pointe-Claire
Karen Ward, Beaconsfield

Philippe Blanchard, CAMO
Benoît Clément, Laval
Paul Crehan, Beaconsfield
Jean Guimond, Laval
Victor Lacroix, Univ.de Montréal
Denis Lamothe, CAMO
Daniel Lépine, Sélect de Québec
Bernard L'Heureux, Sélect de Québec
Gordon Overing, CAMO
Louis St-Laurent, Sélect de Québec
André Théorêt, Pointe-Claire
Jocelyn Tremblay, Sélect de Québec

Les athlètes suivants sont supportés par l'Association Canadienne ou encadrés par une université américaine ou canadienne. Il n'y a pas d'implication de la Fédération au niveau des bourses et des frais d'entraînement. Ces athlètes seront encadrés dans le projet "Championnat canadien d'hiver" s'ils y participent.

Jennifer Boulianne, Pointe-Claire
Julie Daigneault, Pointe-Claire
Denis Dufour, Sélect de Québec
Bruce Kent, Pointe-Claire
Denyse Sénéchal, CAMO
Marco Veilleux, CAMO

L'athlète "A" bénéficie des avantages suivants:

Bourses

Le montant est déterminé par la Société des Sports du Québec selon l'évaluation du niveau de performance et de sa probabilité de réussite, sa classification nationale et provinciale et son degré de scolarité.

—secondaire	200	400
—collégial		
national	400	700
international	500	900
—universitaire		
national	600	1000
international	900	1300

Frais d'entraînement

300 Le montant est versé à l'athlète en deux versements et est basé sur les frais chargés par le club. Le deuxième versement est donné à l'athlète après une seconde évaluation faite aux Championnats canadiens d'hiver.

Support aux compétitions

Support aux Championnats canadiesn, Essais, Jeux du Canada et projet spéciaux (camps d'entraînement, etc.)

Services médicaux et physiothérapie

L'athlète a le droit d'utiliser ces services mais doit appeler au (514) 527-7921 après 11h00.

Tests

L'athlète est appelé à subir des examens médicaux ainsi que des tests d'évaluation.

Carte de légitimation

Cette carte fait bénéficier l'athlète de réductions de prix accordées dans des services de transport, d'hôtellerie ou d'équipement sportif (à confirmer sous peu).

Fonds de dépannage

Toute demande urgente est analysée le jour même et selon l'évaluation des besoins, une aide financière est accordée à l'athlète.

Athlètes d'élite "B"

L'athlète "B" a réussi les standards exigés lors de la Coupe Esso, Jeux du Canada, rencontre URSS/Canada/Allemagne et Jeux Etudiants Mondiaux. Ces standards représentent 4% de plus que les temps nécessaires pour accéder à l'Equipe Nationale "C".

Johanne Bédard, Sélect de Québec
Louise Bertrand, Sélect de Québec
Janice Clarke, Pointe-Claire
Josie Daub, Pointe-Claire
Nathalie Descahmps, Sélect de Québec
Renée Dubé, CAMO
Lynn Kucera, Point-Claire
Aline Larouche, Beaconsfield
Suzanne Lemire, Ste-Foy
Hélène Piekos, Univ.de Montréal
Linda Rodie, Pointe-Claire
Josée Thériault, Tracy

Marco Cavazzoni, Pointe-Claire
Frédéric Chalut, Univ.de Montréal
Dale Christophe, Pointe-Claire
François D'Amour, Univ.de Montréal
François Danis, Pointe-Claire
Gilles Deschênes, Hull
François Dionne, Rimouski
Brian Hasegawa, Beaconsfield
Michel Ladouceur, CAMO
Claude Lamy, Tracy
Pierre Lamy, Sélect de Québec
Marc Lapalme, Tracy

L'athlète "B" bénéficie des avantages suivants:

Frais d'entraînement

150$ Le montant est versé à l'athlète en deux versements et est basé sur les frais chargés par le club. Le deuxième versement est donné à l'athlète après une seconde évaluation faite aux Championnats canadiens d'hiver.

Support aux compétitions

Support aux Championnats canadiens et Essais. Support à quleques rencontres Coupe du Canada selon les performances antérieures de l'athlète.

Services médicaux et physiothérapie

L'athlète a le droit d'utiliser ces services mais doit appeler au (514) 527-7921 après 11h00.

NOTE: Il y aura un maximum de 20 athlètes choisis pour la catégorie "A" et 25 pour la catégorie "B".

STANDARDS POUR DEVENIR ATHLETE DU PROGRAMME 35%

Femmes	*"A"*	*"B"*
50 libre	27.63	28.04
100 libre	58.56	59.42
200 libre	2:05.88	2:07.72
400 libre	4:25.73	4:29.62
800 libre	9:07.70	9:15.71
100 dos	1:06.99	1:07.97
200 dos	2:22.96	2:25.05
100 brasse	1:15.59	1:16.70
200 brasse	2:42.58	2:44.95
100 papillon	1:03.79	1:04.72
200 papillon	2:18.64	2:20.67
200 Q.N.I.	2:23.04	2:25.13
400 Q.N.I.	5:02.14	5:06.56

Hommes		
50 libre	24.76	25.13
100 libre	53.41	54.19
200 libre	1:56.10	1:57.80
400 libre	4:05.91	4:09.54
1500 libre	16:14.37	16:28.62
100 dos	1:00.74	1:01.63
200 dos	2:10.54	2:12.45
100 brasse	1:07.05	1:08.03
200 brasse	2:26.75	2:28.90
100 papillon	57.95	58.80
200 papillon	2:06.24	2:08.09
200 Q.N.I.	2:10.84	2:12.76
400 Q.N.I.	4:38.80	4:42.88

European Championships

The 15th European Championships, in Split, Yugoslavia, Sep.5-12 gave continental swimmers a great forum in which to show-off their prowess.

Canadian men's coach, Dave Johnson, who attended the meet with brother Tom, reports that the most impressive aspect of the meet was the closeness of the relays. Johnson feels that European swimmers will be at a decided advantage next year at the Worlds as they now have had two consecutive years of major competition. Unlike Canada which hasn't competed at such a meet since 1978.

The German Democratic Republic won the swimming portion of the meet, with 15 golds to the Soviet Union's 13. The DDR dominated the women's events, with a clean sweep of all golds, and going 1-2 in 10 of these events. Soviet men were verv strong in the male side, with wins in the 200-1500 free, 100-200 breast, 200-400 im, and all three relays.

British swimmers looked strong with two Commonwealth records being set; Phil Hubble in the 200 fly and Susan Brownsdon in the 100 breast. Jackie Willmott was another medal winner (bronze in 400-800 free). Adrian Moorehouse, will be a breaststroker to watch (1:04.13–2:18.14).

For the first time, a major international meet had consolation finals, and these were run *after* the main event, an idea which has been suggested for the 1982 World Championships Trials here in Canada.

Alex Sidorenko, USSR winner of 200 individual medley Photo by Tony Duffy

	Team Score
1	696 German Dem.Rep
2	679 Soviet Union
3	503 Fed.Rep.Germany
4	420 Sweden
5	392 Great Britain
6	321 Italy
7	267 Holland
8	167 Spain
9	149 Poland
10	138 France

15th European Championships
Split, Yugoslavia Sep 7-12 50 m

MEN

100 metres freestyle
50.55 P.Johansson,SWE
50.81 J.Woithe,DDR
50.91 S.Krasiuk,URS
51.04 A.Schmidt,FRG
51.19 P.Holmertz,SWE
51.49 S.Smiriagin,URS
51.55 M.Gross,FRG
51.82 M.Guarducci,ITA

200 metres freestyle
1:51.23 S.Kopliakov,URS
1:51.62 M.Soderlund,SWE
1:52.11 T.Lejdstrom,SWE
1:52.21 F.Rampazzo,ITA
1:52.33 B.Petric,YUG
1:52.36 P.Revelli,ITA
1:52.75 F.Noel,FRA
1:53.15 V.Shemetov,URS

400 metres freestyle
3:51.63 B.Petric,YUG
3:51.77 V.Salnikov,URS
3:53.71 D.Petric,YUG
3:54.35 A.Borgstrom,NOR
3:55.86 S.Nagy,HUN
3:55.93 A.Astbury,GBR
3:57.33 D.Machek,CZE
3:57.74 R.Strochbach,DDR

1500 metres freestyle
15:09.17 V.Salnikov,URS
15:17.31 B.Petric,YUG
15:17.93 R.Escalas,SPA
15:19.36 A.Chaev,URS
15:21 20 D.Petric,YUG
15:21.89 R.Henkel,FRG
15:36.60 R.Strochbach,DDR
15:42.42 Z.Wladar,HUN

100 metres backstroke
56.72 S.Wladar,HUN
56.75 V.Shemetov,URS
56.90 V.Kuznetsov,URS
56.92 D.Richter,DDR
58.10 M.Soderlund,SWE
58.13 F.Baltrusch,DDR
58.25 R.Aldabe,SPA
59.16 F.Delcourt,FRA

200 metres backstroke
2:00.80 S.Wladar,HUN
2:01.32 V.Shemetov,URS
2:03.35 F.Delcourt,FRA
2:04.22 F.Baltrusch,DDR
2:04.67 M.Soderlund,SWE
2:05.14 S.Zabolotnov,URS
2:05.74 P.Falchini,ITA
2:05.91 Z.Januszkievicz,POL

100 metres breaststroke
1:03.44 Ý.Kis,URS
1:03.63 A.Miskarov,URS
1:03.85 G.Morken,FRG
1:04.13 A.Moorehouse,GBR
1:04.19 P.Lang,FRG
1:04.44 J.Dzvonyar,HUN
1:04.51 R.Avagnano,ITA
1:05.97 O.Borios,FRA

200 metres breaststroke
2:16.15 R.Zulpa,URS
2:18.08 A.Miskarov,URS
2:18.14 A.Moorehouse,GBR
2:18.92 A.Vermes,HUN
2:19.60 R.Avagnano,ITA
2:21.40 P.Berggren,SWE
2:21.93 R.Buttgereit,DDR
2:22.41 E.Dagon,SWI

100 metres butterfly
54.39 A.Markovski,URS
54.60 P.Arvidsson,SWE
55.00 V.Dombrovski,URS
55.08 A.Behrend,FRG
55.19 D.Lopez-Zubero,SPA
55.70 P.Magnusson,SWE
55.83 M.Gery,CZE
disq M.Gross,FRG

200 metres butterfly
1:59.19 M.Gross,FRG
2:00.21 P.Hubble,GBR
2:00.48 S.Fesenko,URS
2:00.87 P.Revelli,ITA
2:02.33 G.Schlupp,FRG
2:02.71 S.Poulter,GBR
2:03.28 M.Gery,CZE
2:03.72 V.Czerny,CZE

200 metres ind.medley
2.03.41 A.Sidorenko,URS
2:04.97 G.Franceschi,ITA
2:06.15 J.Hladky,CZE
2:06.17 L.Gorski,POL
2:06.50 D.Lopez-Zubero,SPA
2:07.12 S.Fesenko,URS
2:07.28 A.Reichel,DDR
2:08.27 G.Sykes,GBR

400 metres ind.medley
4:22.77 S.Fesenko,URS
4:23.62 L.Gorski,POL
4:24.82 G.Franceschi,ITA
4:26.86 V.Shemetov,URS
4:28.42 J.Berndt,DDR
4:28.50 S.Poulter,GBR
4:29.51 D.Machek,CZE
4:38.03 I.Gritti,ITA

4x100 m medley relay
3:44.23 Soviet Union
3:45.01 Sweden
3:45.66 German Dem Rep
3:45.78 Fed.Rep.Germany
3:50.87 Spain
3:52.97 Great Britain
3:53.16 France
3:54.67 Switzerland

4x100 m free relay
3:21.48 Soviet Union
3:22.48 Sweden
3:22.67 Fed.Rep.Germany
3:24.38 German Dem.Rep
3:25.32 Italy
3:28.38 Spain
3:28.56 Switzerland
3:30.60 Great Britain

4x200 m free relay
7:24.41 Soviet Union
7:25.22 Fed.Rep.Germany
7:27.78 Sweden
7:27.92 Italy
7:30.74 German Dem.Rep
7:33.00 France
7:37.45 Great Britain
7:37.74 Holland

WOMEN

100 metres freestyle
55.74 C.Metschuk,DDR
56.06 B.Meineke,DDR
56.73 C.VanBentum,HOL
56.75 A.Eriksson,SWE
56.93 M.Aizpors,FRG
57.10 N.Strunnikova,URS
57.20 J.Croft,GBR
57.22 K.Seick,FRG

200 metres freestyle
2:00.27 C.Schmidt,DDR
2:00.57 B.Meineke,DDR
2:01.15 C.VanBentum,HOL
2:03.34 T.Gustafsson,SWE
2:03.36 I.Beyermann,FRG
2:03.79 J.Croft,GBR
2:04.00 O.Klevakina,URS
2:05.24 S.Schuster,FRG

400 metres freestyle
4:08.58 I.Diers,DDR
4:08.71 C.Schmidt,DDR
4:15.23 J.Willmott,GBR
4:15.46 I.Beyermann.FRG
4:17.44 I.Laricheva,URS
4:17.47 J.Kalweit,FRG
4:18.03 J.V.d.Meer,HOL
4:21.35 J.Croft,GBR

800 metres freestyle
8:32.79 C.Schmidt,DDR
8:32.89 I.Diers,DDR
8:37.22 J.Willmott,GBR
8:44.12 I.Laricheva,URS
8:44.28 J.V.d.Meer,HOL
8:50.69 I.Aksenova,URS
8:51.40 J.Kalweit,FRG
8:57.36 S.Dara,GRE

100 metres backstroke
1:02.81 I.Kleber,DDR
1:03.12 C.Polit,DDR
1:03.34 C.Bunanciu,ROM
1:03.87 L.Gorchakova,URS
1:04.23 Y.DeRover,HOL
1:04.36 M.Bosga,HOL
1:04.56 V.Verbauwen,BEL
1:04.63 M.Carosi,ITA

200 metres backstroke
2:12.55 C.Polit,DDR
2:15.22 Y.DeRover,HOL
2:16.10 L.Gorchakova,URS
2:16.24 C.Bunanciu,ROM
2:16.82 M.Aizpors,FRG
2:17.65 A.Kunzel,DDR
2:18.12 C.Verbauwen,BEL
2:18.63 A.Kalman,HUN

100 metres breaststroke
wl:08.60 U.Geweniger,DDR
1:11.05 S.Browndson,GBR
1:11.17 L.Belokon,URS
1:12.39 P.VanStaveren,HOL
1:12.41 E.Hakansson,SWE
1:12.51 A.Buzelite,URS
1:12.71 S.Seminatore,ITA
1:12.98 S.Horner,DDR

200 metres breaststsroke
2:32.41 U.Geweniger,DDR
2:33.07 L.Belokon,URS
2:35.35 G.Dziedzic,POL
2:36.51 T.Bogomilova,BUL
2:37.50 A.Buzelite.URS
2:38.29 G.Slaby,DDR
2:38.62 A.Roos,SWE
disq S.Brownsdon,GBR

100 metres butterfly
1:00.40 U.Geweniger,DDR
1:00.97 I.Geissler,DDR
1:01.37 K.Seick,FRG
1:02.27 C.Savi-Scarponi,ITA
1:02.29 A.Osgebry,GBR
1:02.86 D.Wiebke,FRG
1:02.92 A.Verstappen,HOL
1:03.13 W.VanVelsen,HOL

200 metres butterfly
2:08.50 I.Geissler,DDR
2:09.59 H.Dahne,DDR
2:13.47 A.Czopek,POL
2:14.51 P.Zindler,FRG
2:14.61 C,Brook,SWI
2:14.72 A.Osgerby,GBR
2:14.81 D.Wiebke,FRG
2:18.05 A.Falinska,POL

200 metres ind.medley
2:12.64 U.Geweniger,DDR
2.13.49 P.Schneider,DDR
2:19.10 O.Klevakina,URS
2:19.43 A.Czopek,POL
2:19.52 C.Savi-Scarponi,ITA
2:19.73 G.Dziedzic,POL
2:19.94 P.Zindler,FRG
2:21.42 A.Verstappen,HOL

400 metres ind.medley
4:39.30 P.Schneider,DDR
4:45.43 U.Geweniger,DDR
4:50.75 A.Czopek,POL
4:52.34 P.Zindler,FRG
4:52.75 K.Bomstad,NOR
4:53.57 G.Dziedzic,POL
4:56.63 K.Gulyas,HUN
4:57.72 S.Kraft,SWE

4x100 m medley relay
4:09.72 German Dem.Rep
4:13.23 Soviet Union
4:13.42 Fed.Rep.Germany
4:14.13 Holland
4:14.82 Great Britain
4:18.14 Italy
4:20.63 Sweden
4:33.87 Spain

4x100 m free relay
3:44.37 German Dem.Rep
3:47.42 Fed.Rep.Germany
3:49.65 Holland
3:51.06 Great Britain
3:51.80 Soviet Union
3:52.07 Sweden
3:55.91 Italy
3:58.51 France

Record Round-up

For Senior and National Age Group records send applications to:

N.J.Thierry, Records Ch.
402 King St.East.Toronto
Ontario, M5A 1L3

As of December 1981

World

	LONG COURSE 50 M POOL (FINA)	SHORT COURSE 25 M POOL	LONG COURSE 50 M POOL
MEN			
50 free	22.54 Robin Leamy,USA,81	22.09 Jorg Woithe,DDR,81	23.22 Peng S.Ang,SNG,80
100 free	49.36 Rowdy Gaines,USA,81	48.52 David McCagg,USA,78	51.34 Graham Welbourn,CAN,80
200 free	1:49.16 Rowdy Gaines,USA,80	1:47.29 David Larson,USA,78	1:50.27 Peter Szmidt,CAN,80
400 free	3:50.49 Peter Szmidt,CAN,80	3:46.41 Vladimir Salnikov,URS,81	3:50.49 Peter Szmidt,CAN,80
800 free	7:56.49 Vladimir Salnikov,URS,79	7:52.51 Alexander Chaev,URS,81	8:02.91 Stephen Holland,AUS,76
1500 free	14:58.27 Vladimir Salnikov,URS,80	14:52.06 Vladimir Salnikov,URS,80	15:04.66 Stephen Holland,AUS,76
100 bk	55.49 John Naber,USA,76	54.50 Beng Baron,SWE,81	56.50 Mark Kerry,AUS,79
200 bk	1:59.19 John Naber,USA,76	1:59.49 Rick Carey,USA,81	2:02.61 Mark Kerry,AUS,79
100 br	1:02.86 Gerald Morken,FRG,77	1:01.00 Gerald Morken,FRG,78	1:03.31 Duncan Goodhew,ENG,80
200 br	2:15.11 David Wilkie,GBR,76	2:12.77 Robertas Zulpa,URS,81	2:15.11 David Wilkie,SCO,76
100 fly	53.81 Bill Paulus,USA,81	53.17 Par Arvidsson,SWE,81	54.89 Dan Thompson,CAN,79
200 fly	1:58.01 Carig Beardsley,USA,81	1:56.93 Par Arvidsson,SWE,81	2:00.21 Phil Hubble,ENG,81
200 im	2:02.78 Alex Baumann,CAN,81	1:59.84 Alex Sidorenko,URS,81	2:02.78 Alex Baumann,CAN,81
400 im	4:20.05 Jesse Vassallo,USA,78	4:12.77 Alex Baumann,CAN,81	4:22.39 Alex Baumann,CAN,81
400 MR	3:42.22 United States,76	3:40.82 United States,78	3:45.70 Australia,80
400 FR	3:19.74 United States,78	3:16.11 United States,78	3:27.14 Canada,78
800 FR	7:20.82 United States,78	7:14.34 United States,78	7:30.18 Canada,80
WOMEN			
50 free	25.79 Jill Sterkel,USA,81	25.33 Caren Metschuk,DDR,81	26.25 Carol Klimpel,CAN,80
100 free	54.79 Barbara Krause,DDR,80	54.88 Cynthia Woodhead,USA,80	56.60 Carol Klimpel,CAN,81
200 free	1:58.23 Cynthia Woodhead,USA,79	1:56.80 Barbara Krause,DDR,79	2:00.63 Rebecca Perrott,NZL,78
400 free	4:06.28 Tracey Wickham,AUS,78	4:02.59 Cynthia Woodhead,USA,78	4:06.28 Tracey Wickham,AUS,78
800 free	8:24.62 Tracey Wickham,AUS,78	8:18.77 Cynthia Woodhead,USA,80	8:24.62 Tracey Wickham,AUS,78
1500 free	16:04.49 Kim Linehan,USA,79	16:03.62 Ines Diers,DDR,81	16:06.63 Tracey Wickham,AUS,79
100 bk	1:00.86 Rica Reinisch,DDR,80	1:01.11 Tracy Caulkins,USA,81	1:03.28 Nancy Garapick,CAN,76
200 bk	2:11.77 Rica Reinisch,DDR,80	2:11.02 Linda Jezek,USA,78	2:14.23 Cheryl Gibson,CAN,78
100 br	1:08.60 Ute Geweniger,DDR,81	1:07.47 Tracy Caulkins,USA,81	1:11.05 Susan Brownsdon,ENG,81
200 br	2:28.36 Lina Kshushite,URS.79	2:27.32 Tracy Caulkins,USA,81	2:34.43 Susan Brownsdon,ENG,81
100 fly	57.93 Mary T.Meagher,USA,81	58.91 Mary T.Meagher,USA,81	1:01.27 Wendy Quirk,CAN,80
200 fly	2:05.96 Mary T.Meagher,USA,81	2:05.65 Mary T.Meagher,USA,81	2:11.29 Michelle Ford,AUS,78
200 im	2:11.73 Ute Geweniger,DDR,81	2:10.80 Tracy Caulkins,USA,81	2:17.31 Sharron Davies,ENG,80
400 im	4:36.29 Petra Schneider,DDR,80	4:33.44 Tracy Caulkins,USA,81	4:46.83 Sharron Davies,ENG,80
400 MR	4:06.67 German Dem.Republic,80	4:06.95 United States,81	4:12.24 England,80
400 FR	3:42.71 German Dem.Republic,80	3:43.88 United States,78	3:47.86 Canada,80
800 FR	8:07.44 Mission Viejo,USA,81	7:58.74 United States,81	

Canadian

	LONG COURSE 50 M POOL	SHORT COURSE 25 M POOL	LONG COURSE 50 M POOL
MEN			
50 free	23.69 Graham Welbourn,CDSC,80	22.84 Gary MacDonald,York U,78	
100 free	51.34 Graham Welbourn,CDSC,80	50.12 Alex Baumann,LUSC,81	49.99 Jim Montgomery,USA,76
200 free	1:50.27 Peter Szmidt,EKSC,80	1:47.83 Alex Baumann,LUSC,81	
400 free	3:50.49 Peter Szmidt,EKSC,80	3:47.65 Alex Baumann,LUSC,81	
800 free	8:15.81 Peter Szmidt,EKSC,80	8:01.05 Peter Szmidt,EKSC,81	8:03.50 Bob Hackett,USA,76
1500 free	15:26.27 Peter Szmidt,EKSC,80	15:08.85 Alex Baumann,LUSC,81	15:02.40 Brian Goodell,USA,76
100 bk	57.16 Mike West,ROW,81	55.91 Stephen Pickell,Etob.79	55.49 John Naber,USA,76
200 bk	2:02.73 Cameron Henning,EKSC,81	2:01.68 Cam Henning,EKSC,80	1:59.19 John Naber,USA,76
100 br	1:03.60 Graham Smith,TBT,78	1:01.96 Graham Smith,unatt,79	1:03.11 John Hencken,USA,76
200 br	2:19.42 Graham Smith,TBT,76	2:14.34 Victor Davis,ROW,81	2:15.11 David Wilkie,GBR,76
100 fly	54.89 Dan Thompson,Etob.79/81	53.93 Dan Thompson,UTSC,81	54.35 Matt Vogel,USA,76
200 fly	2:00.78 Peter Ward,CDSC,81	1:58.48 George Nagy,EKSC,80	1:59.23 Mike Bruner,USA,76
200 im	2:02.78 Alex Baumann,LUSC,81	2:00.43 Alex Baumann,LUSC,81	
400 im	4:22.39 Alex Baumann,LUSC,81	4:12.67 Alex Baumann,LUSC,81	
200 MR	*1:45.04 Etobicoke SC,79*	*1:45.30 Univ.of Calgary SC,81*	
400 MR	3:45.94 Olympic Team, 76	*3:45.91 Univ.of Calgary SC,81*	
	3:49.80 Canadian Dolphin SC,81		
200 FR	*1:36.63 Canadian Dolphin SC,75*	*1:34.56 Univ.of Calgary SC,81*	
400 FR	3:27.14 World Champ.Team,78	*3:25.62 Univ.of Calgary SC,81*	
	3:29.48 Etobicoke SC,80		
800 FR	7:30.18 Olympic Team,80	*7:27.94 Canadian Dolphin SC,80*	
	7:36.59 Canadian Dolphin SC,81		
WOMEN			
50 free	26.25 Carol Klimpel,SSAC,80	25.64 Anne Jardin,PCSC,80	
100 free	56.60 Carol Klimpel,SSAC,81	55.95 Anne Jardin,PCSC,80	
200 free	2:01.20 Wendy Quirk,EKSC,80	1:58.81 Wendy Quirk,EKSC,80	55.65 Kornelia Ender,DDR,76
400 free	4:14.60 Shannon Smith,Hyack,76	4:08.93 Wendy Quirk,EKSC,80	1:59.26 Kornelia Ender,DDR,76
800 free	8:46.39 Shannon Smith,Hyack,76	8:40.55 Judy Baker,CDSC,80	4:08.45 Tracey Wickham,AUS,78
1500 free	16:43.98 Shannon Smith,Hyack,77	16:31.28 Shannon Smith,Hyack,77	8:24.62 Tracey Wickham,AUS,78
100 bk	1:03.28 Nancy Garapick,HTAC,76	1:03.28 Wendy Hogg,SSSC,78	
200 bk	2:14.23 Cheryl Gibson,Etob.78	2:14.61 Cheryl Gibson,Etob,79	1:01.83 Ulrike Richter,DDR,76
100 br	1:12.35 Robin Corsiglia,PCSC,77	1:11.08 Robin Corsiglia,PCSC,77	2:13.43 Ulrike Richter,DDR,76
200 br	2:35.21 Sheila Dezeeuw,HWAC,79	2:33.27 Robin Corsiglia,PCSC,77	1:10.86 Hannelore Anke,DDR,76
100 fly	1:01.27 Wendy Quirk,EKSC,80	1:01.11 Nancy Garapick,HTAC,79	2:33.35 Marina Koshevaja,USSR,76
200 fly	2:12.15 Wendy Quirk,EKSC,80	2:10.81 Wendy Quirk,EKSC,80	1:00.13 Kornelia Ender,DDR,76
200 im	2:18.51 Becky Smith,OSC,77	2:13.18 Nancy Garapick,HTAC,79	2:11.29 Michelle Ford,AUS,78
400 im	4:48.10 Cheryl Gibson,CDSC,76	4:41.43 Nancy Garapick,HTAC,79	2:17.82 Sharron Davies,ENG,78
200 MR	*1:59.16 Canadian Dolphin SC,76*	*2:02.04 Pointe Claire SC,78*	4:42.77 Ulrike Tauber,DDR,76
400 MR	4:14.36 Olympic Team,80	*4:17.15 Etobicoke SC,79*	
	4:18.80 Canadian Dolphin SC,76		
200 FR	1:47.03 Ontario Team,81	*1:45.00 Pointe Claire SC,79*	
	1:48.54 Pointe Claire SC,77		
400 FR	3:47.86 Olympic Team,80	*3:48.46 Pointe Claire SC,80*	
	3:52.98 Canadian Dolphin SC,76		
800 FR	8:21.41 Ontario Team,81	*8:08.67 Edmonton Kevano SC,80*	
	8:24.86 Edmonton Kevano SC,80		

Canadian Open

Canadian Open records are the fastest times recorded in Canada by non-Canadian athletes which are faster than the Canadian record.

SPORT 82

arena®

Nylon extensible, dos "Flyback"

100% Nylon

SELECTION

Notre NYLON EXTENSIBLE DANS LES DEUX SENS à la durabilité du nylon ordinaire et les caractéristiques moulantes du lycra. Les maillots arena en nylon extensible dans les deux sens—parfaits pour les loisirs ou l'action.

Selection	Garçons	Hommes	Filles	Dames
Bleu marine/Vert	P86397	P86197	P86497	P86297
Noir/Rouge	P86394	P86194	P86494	P86294
Bleu roi/Rouge	P86354	P86154	P86454	P86254

TABLEAU DES TAILLES

Garçons: 26, 28 Filles: 28, 30

Hommes: 30, 32, 34, 36 Dames: 32, 34, 36, 38, 40

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

Deux imprimés séduisants, en nylon extensible.

WAVES

Waves	Garçons	Hommes	Filles	Dames
Brun/Tan	P81380	P81180	P81480	P81280
Bleu/Bleu marine	P81390	P81190	P81490	P81290
Bleu/Or	P81350	P81150	P81450	P81250
Ton d'automne	P81381	P81181	P81481	P81281
Multicolore	P81394	P81194	P81494	P81294

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36 Dames: 32, 34, 36, 38, 40

ZEBRA

Zebra	Garçons	Hommes	Filles	Dames
Bleu marine/Or	P82391	P82191	P82491	P82291
Bleu ciel/Bourgogne	P82368	P82168	P82468	P82268
Bleu roi/Rouge	P82354	P82154	P82454	P82254

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36 Dames: 32, 34, 36, 38, 40

Nylon extensible, dos "Flyback" 100% Nylon

ORIENTAL

Ceci populaire maillot se fait maintenant en nylon extensible.

Oriental	Garçons	Hommes	Filles	Dames
Noir/Blanc	P83390	P83190	P83490	P83290
Pourpre/Blanc	P83380	P83180	P83480	P83280

TABLEAU DES TAILLES

Garçons: 26, 28 — Filles: 28, 30

Hommes: 30, 32, 34, 36 — Dames: 32, 34, 36, 38, 40

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

arena®

PALETTE

Une révolution dans les maillots de bain. Notre NYLON EXTENSIBLE DANS LES DEUX SENS allie la durabilité du nylon ordinaire aux qualités moulantes du Lycra. Les maillots de bain "arena", en nylon extensible dans les deux sens—excellents pour les loisirs ou les activités sportives dynamiques.

Palette	Garçons	Hommes	Filles	Dames
Noir	P80390	P80190	P80490	P80290
Bleu roi	P80350	P80150	P80450	P80250
Brun	P80380	P80180	P80480	P80280

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, 38* Dames: 32, 34, 36, 38, 40

TEAM

Le populaire maillot "team" se fait maintenant en nylon extensible.

Team	Garçons	Hommes	Filles	Dames
Bleu marine/ Blanc/Rouge	P85390	P85190*	P85490	P85290
Bleu roi/Blanc	P85350	P85150*	P85450	P85250
Rouge/Blanc	P85340	P85140*	P85440	P85240
Vert/Blanc	P85370	P85170*	P85470	P85270
Noir/Or	P85319	P85119*	P85419	P85219

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, 38* Dames: 32, 34, 36, 38, 40

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

Lycra, Le Super Flyback®

Le Super Flyback® (Brevet de création en attente) a un système d'assemblage révolutionnaire, qui élimine toutes les coutures verticales et qui en fait un des maillots les plus prés du corps et les plus moulants jamais réalisés. La nouvelle coupe, haute à l'avant des jambes, procure une liberté de mouvements encore plus grande.

ONDINE

Rayures horizantales èblouiront les yeux.

Ondine	Garçons	Hommes	Filles	Dames
Noir/Argent	P88399	P88199	P88499	P88299
Bleu marine/Vert	P88397	P88197	P88497	P88297
Mauve/Rose	P88324	P88124	P88424	P88224

TABLEAU DES TAILLES

Garçons: 24, 26, 28 Filles: 26, 28, 30

Hommes: 30, 32, 34, 36, Dames: 32, 34, 36, 38,

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

Maillot à la mode '82

arena®

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 4W6)

arena®
SANTORINO
NIHOA
SAMOS

Maillot
à la mode
'82
TORSADES—Bretelles fines
TORSADES—Décolleté
arena

Maillot à la mode '82

arena®

CLASSIC
Décolleté en V plongeant avec bretelles croisées et réglables dans le dos.

Noir	P49299
Café	P49288
Bleu marine	P49298
Bourgogne	P49289

MINDORO
Maillot style bandeau avec deux liserés en diagonale. Attache unique sur le devant avec pendentif style coquillage de couleur or.

Vert/liseré Noir	P42269
Café/liseré Cognac	P42283
Noir/liseré Bleu roi	P42295
Pacifique/liseré Blanc	P42290

MIRTOS
Dos plongeant avec bretelle de cou, en Lycra italien (6737 Concord).

Noir	P40299
Soleil (Or)	P40211
Pacifique	P40298

NIHOA
Maillot style bandeau tricolore avec une seule bretelle, bordure légère façon liseré.

Pacifique/Blanc/Emeraude	P43297
Pacifique/Blanc/Cognac	P43292

SAMOS
Encolure peu profonde avec bretelles fines et rayures en diagonale.

Rouge/Argent	P48249
Bleu marine/Argent	P48299

SANTORINO
Maillot de bain d'une pièce classique avec décolleté rond plongeant. Couture centrale créant un double effet de diagonales très amincissant.

Rouge/Argent	P47249
Bleu marine/Argent	P47299

TORSADES—Bretelles Fines
Maillot style bandeau avec bretelles fines s'attachant sur le devant.

Bleu marine/Pourpre	P41298
Noir/Bleu	P41295
Blanc/Bleu	P41205

TORSADES—Décolleté
Maillot de bain pratique en Lycra imprimé avec bretelles réglables croisées dans le dos.

Bleu marine/Pourpre	P46298
Noir/Bleu	P46295
Blanc/Bleu	P46205

TAILLES
Dames: 32, 34, 36, 38
Classic seulement: 32, 34, 36, 38, 40

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

UNI

Uni	Garçons	Hommes	Filles	Dames
Noir	P61309	P61109	P64409	P64209
Aqua	P61366	P61166	P64466	P64266
Vert foncé	P61377	P61177	P64477	P64277
Bourgogne	P61388	P61188	P64488	P64288
Bleu marine	P61399	P61199	P64499	P64299

TABLEAU DES TAILLES
Garçons: 24, 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, 38 Dames: 32, 34, 36, 38, 40

TEAM

Team	Garçons	Hommes	Filles	Dames
Noir/Jaune	P55319	P55119	P54419	P54219
Bleu marine/Blanc/ Rouge	P55390	P55190	P54490	P54290
Bleu roi/Blanc	P55350	P55150	P54450	P54250
Bourgogne/Jaune	P55381	P55181	P54481	P54281

TABLEAU DES TAILLES
Garçons: 24, 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, 38 Dames: 32, 34, 36, 38, 40

adidas (Canada) Ltd., 550 Oakdale Rd., Downsview, Ont. (M3N 1W6)

Lycra, dos Flyback® 75% Nylon 25% Spandex

NEWPORT

Rayures élégants en tons opposés.

Newport	Garçons	Hommes	Filles	Dames
Noir/Rouge	P52394	P52194	P52494	P52294
Bleu marine/Jaune	P52391	P52191	P52491	P52291
Pourpre/Bleu roi	P52385	P52185	P52485	P52285

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, Dames: 32, 34, 36, 38, 40

VOYAGER

Une impressionnante nouvelle création en Lycra Dupont "Type 128".

Voyager	Garçons	Hommes	Filles	Dames
Noir/Multi	P56392	P56192	P56492	P56292
Bleu roi/Multi	P56352	P56152	P56452	P56252
Violet/Multi	P56382	P56182	P56482	P56282

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, Dames: 32, 34, 36, 38, 40

LIDO

Le nouvel imprimé audacieux et élégant en Lycra Dupont "Type 128".

Lido	Garçons	Hommes	Filles	Dames
Bleu roi/Bleu	P53356	P53156	P53456	P53256
Bleu roi/Brun	P53358	P53158	P53458	P53258
Noir/Or	P53391	P53191	P53491	P53291
Vert/Multi	P53371	P53171	P53471	P53271

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, Dames: 32, 34, 36, 38, 40

OASIS

Ce maillot, avec dos de forme "flyback", présente de rafraîchissantes ondulations.

Oasis	Garçons	Hommes	Filles	Dames
Bleu marine/Ciel	P51356	P51156	P51456	P51256
Bleu	P51350	P51150	P51450	P51250
Brun	P51380	P51180	P51480	P51280

TABLEAU DES TAILLES
Garçons: 26, 28 Filles: 28, 30
Hommes: 30, 32, 34, 36, Dames: 32, 34, 36, 38, 40

Nylon, dos "Freeback" 100% Nylon

PANNEAUX DEUX TONS

Le nouveau maillot réalisé en Lycra Dupont "Type 128".

Panneaux Deux Tons	Garçons	Hommes	Filles	Dames
Bleu marine/Blanc/Aqua	P91395	P91195	P91495	P91295
Vert/Blanc/Jaune	P91371	P91171	P91471	P91271
Bourgogne/Blanc/Noir	P91389	P91189	P91489	P91289

TABLEAU DES TAILLES
Garçons: 26, 28
Hommes: 30, 32, 34, 36, 38
Filles: 28, 30
Dames: 32, 34, 36, 38, 40

TEAM

Team	Garçons	Hommes	Filles	Dames
Bleu marine/Or	P25391	P25191	P25491	P25291
Bleu roi/Blanc	P25350	P25150	P25450	P25250
Rouge/Blanc	P25340	P25140	P25440	P25240
Noir/Or	P25392	P25192	P25492	P25292

UNI

Maillots imprimés, unis, ou à panneaux, avec le dos "freeback", de ligne très flatteuse.

Uni	Garçons	Hommes	Filles	Dames
Rouge	P20344	P20144*	P20444	P20244**
Bleu marine	P20399	P20199*	P20499	P20299**
Bleu roi	P20355	P20155*	P20455	P20255**
Noir	P20390	P20190*	P20490	P20290**

TABLEAU DES TAILLES
Garçons: 24, 26, 28
Hommes: 30, 32, 34, 36, 38*
Filles: 26, 28, 30
Dames: 32, 34, 36, 38, 32G, 34G, 36G, 40**

SACS

Team
En denim, poignées résistantes, fermeture éclair en nylon et large poche séparée pour le maillot de bain et la serviette de bain.
20" x 8" x 12". V65069 Bleu ceil/Bleu marine V65091 Bleu marine/Jaune

Pour le voyage
Sac en vinyle résistant, pouvant se porter indifféremment en bandoulière ou à la main. Bandoulière détachable, fermeture éclair en nylon et poche spéciale pour le nécessaire de voyage
19" x 9" x 9". V61018 Jaune/Brun V61088 Beige/Brun

Sac pour Équipement de Natation
Approuvé par l'A.C.N.A., ce sac peut contenir 3 serviettes de bain, un survêtement et une sortie de bain. Des poches séparées peuvent contenir les plaquettes pour les mains, les lunettes de natation, les maillots humides et d'autres objets, plus un élastique pour retenir les bouées et les tubes. Il porte l'emblème de l'A.C.N.A. à l'une des extrémités, tandis que l'autre peut recevoir l'emblème de n'importe quelle équipe de natation. V64040 Rouge/Blanc V64050 Bleu/Blanc

Petit sac pour equipement de Natation
Ce nouveau sac donne au nager toute le place nécessaire pour le rangement de ses affaires lorsqu'il voyage ou pour les rencontres sportives. Des poches séparées peuvent contenir les maillots humides et d'autres objets. V66040 Rouge V66050 Bleu

SHORT ET T-SHIRT SURF

Le T-shirt Team et le short Surf forment un ensemble parfait à l'allure sportive. Le short simplex 100% Nylon est fonctionnel et convient aussi bien pour la natation que pour les loisirs.

Short Nylon pour la natation
Surf V25140 Rouge/Blanc
V25119 Noir/Or V25191 Bleu marine/Or
V25170 Vert/Blanc V25150 Bleu roi/Blanc
Tailles: 22/24, 26/28, 30/32, 34, 36/38, 40/42

T-shirt V80144 Rouge/Blanc/Rouge
V80155 Bleu roi/Blanc/Bleu roi
V80199 Bleu marine/Or/Bleu marine
Tailles: TP, P, M, G, TG

Caleçon Court V26198 Bleu marine/Ivoire
V26188 Tan/Brun V26187 Bourgogne/Ivoire
Tailles: P, M, G, TG

T-shirt arena V81190 Bleu marine
V81109 Blanc/Bleu marine
Talles: B, J, P, M, G, TG

Accessoires

BONNETS DE NATATION

SF200	30 bonnets de couleurs assorties seulement (5 de chaque couleur)
SF200W	20 bonnets en Blanc seulement
SF200Y	20 bonnets en Jaune seulement
SF200B	20 bonnets en Bleu seulement
SF200G	20 bonnets en Vert seulement
SF200O	20 bonnets en Orange seulement
SF200R	20 bonnets en Rouge seulement
SF203A	20 bonnets avec le drapeau du Canada seulement

Bonnet de Natation Team en Lycra
V55019 Noir/Jaune
V55090 Bleu marine/Blanc
V55050 Bleu roi/Blanc
V55081 Bourgogne/Jaune
V55091 Bleu marine/Or

SF106A
Lunettes TEAM arena, lunettes pour la natation super-luxe conçues pour assurer une vue optimale sans trouble. 50 lunettes par boîte de présentation.
SF106
25 lunettes de rechange pour SF106A, assorties.

SF100A
30 lunettes, en 7 couleurs assorties, emballées individuellement dans des sacs en polyéthylène, avec carte descriptive.
SF100C
30 lunettes incolores, emballées de la même façon que SF100A.

SF105A
Ensemble de présentation: 50 lunettes dans des étuis en plastique, 32 transparents et 3 de chaque couleur. Taille unique. Protection totale contre l'eau et le chlore.

V56000 Serviette de plage
Serviette de plage géante "arena". Pour la maison, la piscine et la plage. 34" x 64". En tissu éponge 88% coton/12% polyester, avec motif "arena" en bleu et grande feuille d'érable rouge.

Pull-Kick
V92000 Blanc

Cintres
M00000 Cintres pour maillots de bain.

Bouchons pour les oreilles SF700 Lot de 30
Pince-Nez
SF800 Lot de 30
SF801 Pince-nez "Synchro" en fil métallique recouvert de caoutchouc. (Non illustré) Lot de 30.

National Age Group

Send Record Applications within 14 days to N.J.Thierry CASA Records Chairman 402 King Street East, Toronto, Ont. M5A 1L3

As of December 1981

Boys 25 metre pool	Boys 50 metre pool		Girls 25 metre pool	Girls 50 metre pool
11–12				
27.30 Mike Carter, CDSC,68	26.36 Brad Cairns, HYAC,76	50 free	27.57 Alison Dozzo,NYAC,81	28.07 Jane Kerr, Etobicoke,80
58.60 Brad Cairns, Hyack,76	59.90 Brad Cairns, Hyack,76	100 free	59.31 Julie Daigneault,PCSC,78	1:01.06 Jane Kerr, Etobicoke,81
2:05.73 Trevor Jakisch, SJS,80	2:07.56 Peter Webster, LonY,80	200 free	2:08.18 Alison Dozzo, NYAC, 81	2:10.03 Shannon Smith,VanPks,74
4:25.92 Bernhard Volz,NYAC,81	4:27.54 Peter Webster, LonY,80	400 free	4:28.57 Julie Daigneault, PCSC,78	4:34.21 Donna McGinnis,EKSC,81
9:06.74 Trevor Jakisch, SJS,80	9:18.78 Paul Szekula, PCSC,81	800 free	9:07.33 Tracy Klinck, ROW,77	9:12.83 Shannon Smith,VanPks.74
17:12.22 Trevor Jakisch, SJS,80	17:30.80 Alex Baumann, LUSC,76	1500 free	17:53.94 Sandra Piasecki,Oak.75	17:40.96 Shannon Smith,VanPks,74
1:06.43 Peter Botman, Glouc,76	1:08.26 Peter Kremer, PCSC,81	100 back	1:07.28 Susan Duncan, HTAC,77	1:07.93 Nancy Garapick,HTAC,74
2:19.67 Peter Botman, Glouc,76	2:22.61 Peter Botman, Glouc.76	200 back	2:23.93 Alison Dozzo, NYAC,81	2:24.88 Nancy Garapick,HTAC,74
1:14.62 Daniel Tapin,Sherbr.81	1:17.95 Greg Lohin, LGSC, 77	100 br	1:15.63 Bronwyn Beatty, ROD,78	1:16.30 Sheile Dezeeuw, Burl SC,77
2:44.06 David Evans, TBT,79	2:46.84 Mike Brickman, OCOE,77	200 br	2:41.28 Bronwyn Beatty, ROD,78	2:44.28 Sheila Dezeeuw, Burl SC,77
1:03.60 Robert Hamel, Cow.76	1:04.65 Robert Hamel, Cow.76	100 fly	1:05.48 Mich Coulombe, CNMN,78	1:06.08 Mich MacPherson,Etob.79
2:20.23 Robert Hamel, Cow.76	2:23.12 Robert Hamel, Cow.76	200 fly	2:18.09 Mich Coulombe, CNMN,78	2:22.47 Mich Coulombe, CNMN,77
2:24.06 Calvin Jacobs, CNSL,75	2:26.18 Peter Webster, LonY,80	200 im	2:23.41 Alison Dozzo, NYAC,81	2:26.37 Alison Dozzo, NYAC,80
5:06.65 Trevor Jakisch, SJS,80	5:09.81 Trevor Jakisch, SJS,80	400 im	5:00.20 Mich Coulombe, CNMN,78	5:10.95 Shannon Smith,VanPks,74
2:10.16 Pointe Claire SC, 81	2:10.37 Pointe Claire SC, 81	200 MR	2:11.46 Etobicoke SC, 79	2:13.00 Etobicoke SC, 79
4:48.95 Pointe Claire SC, 81	4:54.10 London Y, 80	400 MR	4:42.45 Etobicoke SC, 79	4:50.56 Etobicoke SC, 79
1:56.70 London Y, 79	1:57.28 Pointe Claire SC, 81	200 FR	1:56.80 Edmonton Keyano SC,81	1:59.62 Hyack SC, 75
4:11.20 Pointe Claire SC, 81	4:16.30 London Y, 80	400 FR	4:20.29 Regina Optimist Dolph.78	4:16.04 Hyack SC, 75
13–14				
25.13 Dan Lamontagne,Glouc.78	25.29 Glenn Luxemburg,PCSC,80	50 free	26.64 Pam Rai, Hyack,80	27.11 Pam Rai, Hyack,80
53.79 Jeff Sheehan,FSC,79	55.13 Jeff Sheehan, FSC,79	100 free	57,27 Debbie Clarke, TBT,76	58.25 Debbie Clarke, TBT,76
1:53.28 Alex Baumann, LUSC,79	1:59.81 Peter Szmidt, PCSC,76	200 free	2:01.56 Shannon Smith, Hyack,76	2:03.42 Shannon Smith, Hyack,76
4:00.17 Alex Baumann, LUSC,79	4:09.52 David Shemilt, Granite,79	400 free	4:14.79 Shannon Smith, Hyack,76	4:14.60 Shannon Smith, Hyack,76
8:15.14 Alex Baumann, LUSC,79	8:35.71 Alex Baumann, LUSC,79	800 free	8:44.71 Shannon Smith, Hyack,76	8:46.39 Shannon Smith, Hyack,76
15:32.15 Alex Baumann, LUSC,79	16:00.93 Alex Baumann, LUSC,79	1500 free	16:42.97 Shannon Smith, Hyack,75	16:47.10 Shannon Smith, Hyack,76
1:01.14 Sandy Goss, NYAC,81	1:02.16 Peter Botman,OK,78	100 back	1:04.20 Nancy Garapick, HTAC,75	1:03.28 Nancy Garapick, HTAC,76
2:11.21 Roland Ostermeier,HWAC,80	2:11.25 Sandy Goss,NYAC,81	200 back	2:15.85 Nancy Garapick, HTAC,76	2:15.60 Nancy Garapick, HTAC,76
1:07.71 Todd Gray,Brantford,79	1:09.70 Rob Chernoff, ROD,80	100 br	1:11.08 Robin Corsiglia, PCSC,77	1:13.22 Sheila Dezeeuw, HWAC,79
2:25.84 Alex Baumann, LUSC,79	2:30.14 Marco Veilleux,CNMN,77	200 br	2:33.27 Robin Corsiglia, PCSC,77	2:35.21 Sheila Dezeeuw, HWAC,79
58.81 Fred Chalut,CAMO,81	59.48 Neil Hodge, Burl.SC,80	100 fly	1:03.89 Mich Coulombe, CNMN,79	1:04.06 Mich Coulombe, CNMN,79
2:07.63 Fred.Chalut.CAMO.81	2:08.43 Robert Hamel, Cow.77	200 fly	2:15.03 Mich Coulombe, Select,80	2:17.82 Mich Coulombe, Select,79
2:10.07 Alex Baumann, LUSC,79	2:12.65 Alex Baumann, LUSC,79	200 im	2:18.30 Mich Coulombe, Select,80	2:21.49 Mich Coulombe, Select,79
4:25.80 Alex Baumann, LUSC,79	4:34.52 Alex Baumann, LUSC,79	400 im	4:56.72 Mich Coulombe, CNMN,79	5:00.51 Shannon Smith, Hyack,76
1:58.97 Pointe Claire SC, 81	2:00.52 Pointe Claire SC, 81	200 MR	2:04.44 Etobicoke SC, 81	2:06.39 Etobicoke SC, 80
4:19.09 Pointe Claire SC, 81	4:28.00 Montreal Aquatic, 80	400 MR	4:35.30 Etobicoke SC, 80	4:38.50 Montreal Aquatic, 80
1:46.52 Etobicoke SC, 80	1:47.92 Hyack SC, 78	200 FR	1:51.00 North York AC, 81	1:53.87 North York AC, 81
3:53.40 Hyack SC, 77	3:56.97 Canadian Dolphin SC, 76	400 FR	4:02.43 Pointe Claire SC, 79	4:08.49 Pointe Claire SC, 79
15–17				
23.32 Pat McConnell,UCSC,79	24.49 Blair Hicken,Etob.81	50 free	25.68 Carol Klimpel,SSAC,80	26.25 Carol Klimpel,SSAC,80
50.12 Alex Baumann, LUSC,81	52.68 Peter Szmidt, unatt,79	100 free	56.17 Carol Klimpel,SSAC,81	56.81 Carol Klimpel,SSAC,80
1:47.83 Alex Baumann, LUSC,81	1:51.14 Alex Baumann, LUSC,81	200 free	2:00.28 Nancy Garapick, HTAC,79	2:03.37 Anne Jardin, PCSC,76
3:47.65 Alex Baumann, LUSC,81	3:56.34 Alex Baumann, LUSC,80	400 free	4:13.28 Wendy Quirk,PCSC,77	4:15.81 Shannon Smith, Hyack,77
8:01.37 Alex Baumann, LUSC,81	8:21.41 Alex Baumann, LUSC,80	800 free	8:40.55 Judy Baker, CDSC,80	8:47.71 Bronwyn Beatty, ROD,81
15:08.85 Alex Baumann, LUSC,81	15:39.14 Alex Baumann, LUSC,80	1500 free	16:31.28 Shannon Smith, Hyack,77	16:43.98 Shannon Smith, Hyack,77
57.42 Mike West, ROW,81	57.16 Mike West, ROW,81	100 back	1:03.37 Jen Boulianne, PCSC,80	1:04.11 Denyse Senechal,CAMO,80
2:02.75 Alex Baumann, LUSC,81	2:05.66 Mike West, ROW,81	200 back	2:15.21 Jen Boulianne, PCSC,80	2:16.81 Jen Boulianne, PCSC,80
1:02.34 Victor Davis, ROW,81	1:04.24 Victor Davis, ROW,81	100 br	1:11.54 Robin Corsiglia, PCSC,79	1:12.35 Robin Corsiglia, PCSC,77
2:14.34 Victor Davis, ROW,81	2:19.53 Victor Davis, ROW,81	200 br	2:33.47 Robin Corsiglia, PCSC,78	2:36.74 Joann Baker, TBT,76
56.01 Ron Bethel, CDSC,80	55.75 Peter Ward, CDSC,81	100 fly	1:01.11 Nancy Garapick, HTAC,79	1:01.54 Wendy Quirk, PCSC,76
2:00.90 Peter Ward, CDSC,81	2:00.78 Peter Ward, CDSC,81	200 fly	2:12.62 Kelly Albright,Etob,79	2:13.68 Wendy Quirk, PCSC,76
2:00.43 Alex Baumann, LUSC,81	2:02.78 Alex Baumann, LUSC,81	200 im	2:13.18 Nancy Garapick, HTAC,79	2:19.14 Nancy Garapick, HTAC,79
4:12.67 Alex Baumann, LUSC,81	4:22.39 Alex Baumann, LUSC,81	400 im	4:41.43 Nancy Garapick, HTAC,79	4:48.10 Cheryl Gibson, CDSC,76
1:50.78 Etobicoke SC, 80	1:54.00 Select du Quebec, 76	200 MR	2:02.04 Pointe Claire SC,78	1:59.20 Pointe Claire SC, 76
3:59.79 Pointe Claire SC, 78	4:07.50 Select du Quebec, 76	400 MR	4:18.81 Pointe Claire SC,77	4:23.31 Pointe Claire SC,76
1:36.78 Pointe Claire SC, 78	1:42.29 Pointe Claire SC, 81	200 FR	1:47.30 Hyack SC,81	1:49.94 Thunder Bay, 76
3:30.87 Pointe Claire SC, 77	3:42.35 Univ.Calgary SC, 81	400 FR	3:51.67 Thunder Bay, 76	3:56.60 Thunder Bay, 76

NOSE CLIPS

SUPERIOR DESIGN: With proper alignment, the **contoured nose pads** seal the air cavity at the sides of your nose rather than squeeze the front, allowing you a more **comfortable fit.** The nose clip is adjusted by pulling nose pads apart. The **Sand-beige colour** blends with every skin colour. There's **no metal** to rust or break through the latex coating. And, Health Saver nose clips float, so they're easy to retrieve. For added convenience we've provided you with a storage case.

BENEFITS: 1. Strapless, yet it floats. 2. Contoured nose pads adjustable, more comfortable fit. 3. Rustproof. 4. Sand-beige skin tone. 5. Handy storage case.

EAR PLUGS

CUSTOM FITTING: This ear plug is reversible. Each end is a different size - the flanges vary by just 1 millimetre. Often **each** ear is also a different size. The Health Saver **Reversible Ear Plugs** custom fit both ears **individually** for a **more comfortable fit.** Alter the size, if necessary, by cutting off a flange. For added convenience we've provided you with an **extra** ear plug, and a storage case.

BENEFITS: 1. Reversible - 5 sizes. 2. Custom fit each ear. 3. Individual sizes, more comfortable fit. 4. Extra plug with storage case. 5. Blocks water, permits hearing

SORE EARS ? Use Hear-Saver® medicated, cotton/wax ear stopples. So soft they conform to the shape of each ear, blocks out water and filters noise yet permits normal hearing. Available in over 75 countries - ask for them wherever swim aids are sold.

HEALTH SAVER PERSONAL PROTECTION PRODUCTS SINCE 1969.
Health Saver Products Div Dept. SC, Box 39 Grimsby On Canada L3M 4G1

1982

CANADIAN SPEEDO DISTANCE SWIMMING WEEK
JAN 29–FEB 7

SPEEDO®

A new program conceived, planned and organized by
CSCA
Canadian Swimming Coaches Association
Co-sponsored by Speedo Canada Inc.

Girls 800 free — boys 1500 free
Submitted times — results for single age increments (11&under, 12,13,14 15,16,17 and 18&over) **top 100** in each category published.

Additional information & entry forms:
CSCA / SWIM Magazine
402 King Street East
Toronto, Ontario, M5A 1L3

insta-pulse* T.M.

No other heart rate monitor has the accuracy, speed and simplicity of Insta-Pulse at such an affordable price.

Measuring heart rate gives you immediate feedback on the effects of fitness training. If you are measuring heart rate the old way, your calculations are probably off by 20% or more. That's why the Insta-Pulse heart rate monitor was developed.

Insta-Pulse works on the same principle as an electrocardiograph (EKG) and utilizes a micro-computer chip. It monitors each heart muscle contraction and instantly translates it into heart beats per minute. Yet it weighs a mere ten ounces, measures 11" x 1½" and is a fraction of the cost.

Insta-Pulse is 100% solid state and runs on a single 9 volt battery for up to one year (over 100,000 readings). The battery is included. Circuitry is shielded from damage by a thick, clear lucite shell.

Insta-Pulse comes with a 90 day warranty and a 30 day money back guarantee. For further information, please write or call.

Uniss controls INC.

P.O.Box 475,
Don Mills P.O., Ont.
M3C 2T4

(416) 429-6308
(416) 249-4420

*Winner of the Silver Medal Award at the International Exhibition of Inventions in Geneva Switzerland.

Making Waves

AUSTRALIANS IN VANCOUVER

A team representing the Australian Sport Institute met the Canadian team, just assembling for departure to Tokyo, on August 23. It was a big occasion for the Aussie's as they 'shaved-down' and managed to beat the Canadian team 130 to 112.

Noteworthy were the world class performances posted by the swimmers from down under. Paul Rowe, 200 fly 2:01.60, he's now an Australian citizen, but formerly swam for New Zealand; Lisa Curry, 100 fly 1:01.96; Michelle Pearson, 200 im, 2:18.97 and 400 im 4:57.55.

TOKYO INTERNATIONAL

The meet was hosted by the Japanese Swimming Federation, with travel and accommodation expenses paid for the visiting teams.

In addition to the host nation, Australia, Canada, United States and the People's Republic of China sent strong contingents, with the Soviet Union, sending 'B' swimmers, as their best were competing at the European Championships.

Several Canadians did their season's best times:
Graham Welbourn, 100 free 51.57
Jeff Sheehan, 200 im, 2:07.59
Cam Reid, 200 im 2:07.65
Anne Jardin, 200 free 2:04.27
Jen Campbell, 100 back 1:05.39
Nancy Garapick, 400 im, 4:56.32

The Canadian team didn't obtain any firsts, but managed 11 seconds and 2 thirds.

NEW CLUB IN MANITOBA

Jim Fowlie, recently appointed head coach of the newly formed Manta Aquatic Club has sent us the following:

It is with great pride and pleasure I am greeting you from Winnipeg and the newly formed Manta Aquatic Club.

As you may not be familiar with the Manta Aquatic Club's program or myself, I would like to take this opportunity to introduce us.

My name is quite familiar in Canadian swimming and most prominent in British Columbia. In 1974 I established the Canadian record in the 400 individual medley; through the years '75 and '76 I had the honour of representing the Canadian National team, competing under coach Deryk Snelling at the Canadian Dolphin Swim Club. It was in these years that I established one Commonwealth record and set the world's fastest time for short course metres in the 400 i.m.. I was fortunate to have my Canadian record in the 400 i.m. survive three years after my retirement.

Despite my retirement as an athlete, my hear always remained in swimming. My full professional career began in Prince George, B.C. followed with North Vancouver and later Calgary, Alberta. In all these programs I have enjoyed working with very talented and dedicated athletes, and honoured to have had an Olympic team members on Canada's 1980 team.

September, 1981 an extremely challenging coaching offer brought my family and myself to Winnipeg, Manitoba.

The Winnipeg Manta Aquatic Club is extremely dedicated to the development of elite senior athletes and age group swimming. The dedication is obviously displayed in the newly structured Community program. The previous teams, the Cardinal Swim Club, and the Dolphin Swim Club amalgamated to form "Manta" on September 1, 1981. The purpose of this fusion of Swim Clubs was to provide the best possible professional coaching and swimming program with stability, security and continuity.

Manta hopes that our swimming program will provide challenging competition and be in your considerations as either host or visitor. We are very proud to be part of the 1984 Olympic movement, and I only hope that we may help you take a larger role in swimming.

MANTA

NEW PROGRAM IN TORONTO

Trevor Tiffany has remained in Toronto and formed a new club at the University of Toronto, together with varsity coaches Byron MacDonald (men) and Merrily Stratten (women). The home of the organization is the U.of T.Athletic Centre, site of many fine national class meets and the headquarters of the National Fitness Assesment Program.

Varsity swimmers will represent UTSC during the winter season, but will be free to join their home clubs in time for the winter nationals.

The team as set-up currently is mainly a senior group, but an age group component is planned for once additional pool time is arranged.

Several national team members will represent the club, most notably: Dan Thompson, Claus Bredschneider and Dave Town.

The club and the varsity teams use the same pool hours and workouts are structured in such a way that all three squads gain from the new venture.

1981-82 NATIONAL SWIMMING TEAM

31 swimmers have been named to the National Team. Selection was based on either bettering a required time standard or world ranking.

Category	*World Rating Best event*	*Better or equal std.*	*Coach*	*Club*
'A'				
Alex Baumann	1 (200 im)	X	Jeno Tihanyi	LUSC
Cam Henning	5 (200 back)	X	Dave Johnson	EKSC
Dan Thompson	7 (100 fly)	X	Trevor Tiffany	UTSC
Mike West	7 (100 back)	X	Cliff Barry	ROW
Peter Szmidt	5 (400 free)		Dave Johnson	EKSC
Peter Ward	7 (200 fly)		Tom Johnson	CDSC
Cam Reid	8 (400 im)		Tom Johnson	CDSC
Graham Smith	8 (200 im)		Deryk Snelling	UCSC
Carol Klimpel	6 (100 free)		Bruce Gibson	SSAC
Mich MacPherson	6 (400 im)		Mark Temple	NYAC
'B'				
C.Bredschneider	22 (200 fly)	X	Trevor Tiffany	UTSC
Victor Davis	10 (200 breast)	X	Cliff Barry	ROW
Peter Dobson		X	Ron Jacks	Hyack
Ken Fitzpatrick	16 (100 breast)	X	Bill Barton	TOMAC
Wade Flemons	16 (200 back)	X	Tom Johnson	CDSC
Levente Mady	16 (200 fly)	X	Trevor Tiffany	unatt
Lisa Borsholt	21 (100 breast)	X	Tom Johnson	CDSC
Cheryl Gibson	12 (200 back)	X	Dave Johnson	EKSC
Nancy Garapick	16 (200 im)	X	Dave Johnson	EKSC
'C'				
Jeff Sheehan		X	Deryk Snelling	UCSC
George Nagy		X	Dave Johnson	EKSC
Bill Sawchuk		X	Deryk Snelling	UCSC
David Shemilt	24 (1500 free)	X	Herb deBray	SAINTS
Marco Veil eux		X	Mike Sharadin	CAMO
Graham Welbourn		X	Tom Johnson	CDSC
Bronwyn Beatty		X	Rainer Goltzsche	ROD
Kathy Bald	18 (200 im)	X	Trevor Tiffany	UTSC
Julie Daigneault		X	Ken McKinnon	PCSC
Kathy Richardson	19 (400 im)	X	Herb deBray	SAINTS
Cheryl McArton		X	Mark Temple	NYAC
Anne Ottenbrite		X	Lynne Trimbee	OSH

CUSTOM MEDALS

Custom cloisonne in vivid hard enamel colours or base medals

TROPHIES

Custom made to order

Ask for our trophy catalogue

LARGE DISCOUNTS

CELTIC TROPHIES
720 – 6th Street
New Westminster, B.C.
V3L 3C5

(Formerly Stafford Forwarding Inc.)

CALL COLLECT
(604) 524-5112

CLUB/TEAM PINS

1981 Canadian Rankings

Men

Performnaces since Jan.1, 1981 in 50 m pools. Compiled by N.J.Thierry, Editor SWIM. ©

50 M FREE/LIBRE
Rec: 0:23.69 G.Welbourn, CDSC,80
0:23.93 Graham Welbourn,20,Cdn.Dolph
0:24.17 Louis St.Laurent,21,Mtl-Aquat
0:24.22 Stan Davis,20,Vic Olym
0:24.29 Dan Thompson,24,unatt
0:24.48 David Churchill,17,Oakville
0:24.49 Blair Hicken,15,Etobicoke
0:24.55 Brad VanderElst,18,Calg Casc
0:24.59 Mike Olson,21,Univ.Calg
0:24.60 Jeff Sheehan,16,Univ.Calg
0:24.74 Andy MacDonald,17,Hyack
0:24.75 Mike West,16,Reg Waterl
0:24.75 Pat McConnell,19,Nepean
0:24.81 Levente Mady,21,unatt
0:24.82 Lance Schroeder,18,unatt
0:24.86 Glen Belfry,25,Nepean
0:24.87 Graham Smith,22,Univ.Calg
0:24.90 Denis Dufour,20,Select
0:24.92 Scott Smith,20,Edm Olym
0:24.93 Glenn Luxemburg,16,Pt-Claire
0:24.96 Wade Flemons,20,Cdn.Dolph
0:24.97 John Waring,17,London Y
0:24.99 Dennis Corcoran,22,Mississaug
0:24.99 Brent DesBrisay,21,Univ.Calg
0:25.02 Peter Szmidt,19,Edm Keyano
0:25.02 Alan Swanston,22,Reg Waterl

100 M FREE/LIBRE
Rec: 0:51.34 G.Welbourn, CDSC,80
0:51.57 Graham Welbourn,20,Cdn.Dolph
0:52.10 Bill Sawchuk,22,Univ.Calg
0:52.63 Mike Olson,21,Univ.Calg
0:52.71 Peter Szmidt,19,Edm Keyano
0:52.96 Scott Smith,20,Edm Olym
0:52.97 Blair Hicken,16,Etobicoke
0:53.03 Jeff Sheehan,16,Univ.Calg
0:53.15 Bob Ansell,16,Univ.Calg
0:53.27 Levente Mady,21,unatt
0:53.29 Peter Ward,17,Cdn.Dolph
0:53.37 Louis St.Laurent,20,Mtl-Aquat
0:53.41 David Churchill,17,Oakville
0:53.45 Eugene Gyorfi,19,Hyack
0:53.49 Brent DesBrisay,21,Univ.Calg
0:53.49 Alex Baumann,17,Sudb LUSC
0:53.51 Wayne Kelly,18,Vic Olym
0:53.51 Dennis Corcoran,22,Mississaug
0:53.59 Denis Dufour,21,Select
0:53.60 Stan Davis,20,Vic Olym
0:53.64 Graham Smith,22,Univ.Calg
0:53.71 Philippe Blanchard,20,Mtl-Aquat
0:53.77 Alan Swanston,22,Reg Waterl
0:53.92 Bruce Berger,19,Hyack
0:53.97 Chris Daly,17,Memor.Univ
0:54.03 John Waring,17,London Y

200 M FREE/LIBRE
Rec: 1:50.27 P.Szmidt, EKSC,80
1:51.14 Alex Baumann,17,Sudb LUSC
1:52.33 Peter Szmidt,19,Edm Keyano
1:53.49 Graham Welbourn,20,Cdn.Dolph
1:53.86 Rob Baylis,19,Cdn.Dolph
1:54.11 Mike Olson,21,Univ.Calg
1:54.22 Cam Reid,20,Cdn.Dolph
1:54.23 Bruce Berger,19,Hyack
1:54.38 Bill Sawchuk,22,Univ.Calg
1:54.83 Bob Ansell,16,Univ.Calg
1:54.91 Eugene Gyorfi,19,Hyack
1:55.43 Wayne Kelly,18,Vic Olym
1:55.82 Dennis Corcoran,22,Mississaug
1:56.04 Chris Daly,17,Memor.Univ
1:56.07 Cam Henning,20,Edm Keyano
1:56.09 Alan Swanston,22,Reg Waterl
1:56.50 Steve Hayward,18,Etobicoke
1:56.62 David Churchill,18,Oakville
1:56.92 Jeff Sheehan,16,Univ.Calg
1:57.01 Gord Overing,20,Mtl-Aquat
1:57.16 Andy MacDonald,17,Hyack
1:57.22 Andre Theoret,19,Pt-Claire
1:57.31 Mac Teskey,23,unatt
1:57.36 John Waring,17,London Y
1:57.55 Brent DesBrisay,21,Univ.Calg
1:57.58 David Shemilt,16,Brock-Niag

400 M FREE/LIBRE
Rec: 3:50.49 P.Szmidt, EKSC,80
3:53.73 Peter Szmidt,19,Edm Keyano
3:58.45 David Shemilt,16,Brock-Niag
4:00.08 Alex Baumann,17,Sudb LUSC
4:00.50 Rob Baylis,20,Cdn.Dolph
4:01.01 Eugene Gyorfi,18,Hyack
4:01.90 Mac Teskey,22,unatt
4:03.17 Bruce Berger,19,Hyack
4:04.35 Steve Hayward,18,Etobicoke
4:05.65 Andre Theoret,19,Pt-Claire
4:05.75 Rob Masson,18,unatt
4:05.76 Gord Overing,20,Mtl-Aquat
4:06.23 Mike Olson,21,Univ.Calg
4:06.42 Philippe Blanchard,20,Mtl-Aquat
4:06.57 Shane Esau,16,Univ.Calg
4:06.65 Mike Hoche,20,Cdn.Dolph
4:07.00 Denis Lamothe,17,Mtl-Aquat
4:07.08 Kevin Stapleton,18,Cdn.Dolph
4:07.54 Graham Welbourn,20,Cdn.Dolph
4:07.93 Cam Henning,20,Edm Keyano
4:08.37 Bernard L'Heureux,18,Select
4:08.72 Brian Wilson,18,Brantford
4:08.88 Bob Ansell,17,Univ.Calg
4:10.11 Levente Mady,21,Etobicoke
4:10.75 Dean DeKoster,17,Hyack
4:10.95 Benoit Clement,17,Laval

1500 M FREE/LIBRE
Rec: 15:26.27 P.Szmidt, EKSC,80
15:42.20 Peter Szmidt,19,Edm Keyano
15:42.98 David Shemilt,16,Brock-Niag
15:53.68 Cam Henning,20,Edm Keyano
15:57.68 Bruce Berger,19,Hyack
16:00.14 Rob Baylis,20,Cdn.Dolph
16:04.58 Eugene Gyorfi,19,Hyack
16:05.28 Steve Hayward,18,Etobicoke
16:07.22 Andre Theoret,19,Pt-Claire
16:08.95 Gord Overing,20,Mtl-Aquat
16:10.04 Mac Teskey,22,unatt
16:11.32 Philippe Blanchard,20,Mtl-Aquat
16:11.46 Rob Masson,18,unatt
16:14.21 Alex Baumann,17,Sudb LUSC
16:15.64 Cam Reid,20,Cdn.Dolph
16:17.77 Shane Esau,16,Univ.Calg
16:17.93 Mike Hoche,20,Cdn.Dolph
16:23.73 Brian Wilson,18,Brantford
16:25.66 Alex Wallingford,17,Sudb LUSC
16:27.52 Jean Guimond,17,Mtl-Aquat
16:29.42 Kevin Stapleton,18,Cdn.Dolph
16:29.77 Neil Hodgson,18,Etobicoke
16:30.04 Bernard L'Heureux,18,Select
16:30.51 Trevor Jakisch,13,Winn SJS
16:32.91 Mark Gillies,21,Pt-Claire
16:33.85 Scott Mollard,16,unatt

100 M BACK/DOS
Rec: 0:57.16 M.West, ROW,81
0:57.16 Mike West,16,Reg Waterl
0:57.87 Wade Flemons,20,Cdn.Dolph
0:58.11 Cam Henning,20,Edm Keyano
0:59.48 Darryl Banman,17,Univ.Calg
0:59.64 Rob Wallenius,19,Cdn.Dolph
0:59.87 Bruce Berger,19,Hyack
1:00.04 Peter Dobson,18,Hyack
1:00.37 Simon Witton,17,Scarboro
1:00.45 Tom Laurie,19,Cdn.Dolph
1:00.73 Ernie Salac,18,Hamilton
1:00.78 Victor Lacroix,19,Mtl-POM
1:00.89 Scott Smith,20,Edm Olym
1:01.01 Dave Town,20,Orillia
1:01.35 Jean Guimond,17,Mtl-Aquat
1:01.56 Graham Smith,22,Univ.Calg
1:01.62 Brian Johnson,18,Gloucester
1:01.72 Chris Engelke,18,Trent
1:02.00 Mike Tuck,17,Memor.Univ
1:02.09 Lance Schroeder,18,Etobicoke
1:02.12 Richard Morris,17,Pt-Claire
1:02.18 Roland Ostermeier,16,Hamilton
1:02.22 Tarek Raafat,15,St.John SC
1:02.30 Peter Ward,17,Cdn.Dolph
1:02.34 Peter VanDyke,17,Cdn.Dolph
1:02.44 Francois D'Amour,18,Mtl-Aquat

200 M BACK/DOS
Rec: 2:02.73 C.Henning, EKSC,81
2:02.73 Cam Henning,20,Edm Keyano
2:04.58 Wade Flemons,20,Cdn.Dolph
2:05.66 Mike West,16,Reg Waterl
2:05.89 Alex Baumann,17,Sudb LUSC
2:07.51 Rob Wallenius,19,Cdn.Dolph
2:08.18 Darryl Banman,17,Univ.Calg
2:08.65 Peter Dobson,18,Hyack
2:09.87 Cam Reid,20,Cdn.Dolph
2:10.11 Brian Johnson,18,Gloucester
2:10.13 Jean Guimond,17,Mtl-Aquat
2:10.26 Peter Ward,17,Cdn.Dolph
2:10.41 Simon Witton,17,Scarboro
2:10.67 Tom Laurie,19,Cdn.Dolph
2:10.75 Ernie Salac,18,Hamilton
2:11.25 Sandy Goss,14,North York
2:11.42 Roland Ostermeier,16,Hamilton
2:12.02 Peter VanDyke,17,Cdn.Dolph
2:12.48 Martin Wray,17,Edm Keyano
2:12.71 Richard Morris,17,Pt-Claire
2:13.30 Sean Murphy,17,Etobicoke
2:13.51 Tarek Raafat,15,St.John SC
2:13.56 Francois D'Amour,17,Mtl-Aquat
2:13.81 Graham Smith,22,Univ.Calg
2:14.10 Bruce Berger,19,Hyack
2:14.22 Jeff Kleven,15,Sudb LUSC

100 M BREAST/BRASSE
Rec: 1:03.60 G.Smith, TBT,78
1:04.24 Victor Davis,17,Reg Waterl
1:04.42 Ken Fitzpatrick,18,Mississaug
1:04.48 Graham Smith,22,Univ.Calg
1:06.15 Marco Veilleux,18,Mtl-Aquat
1:06.33 John Clark,17,Cdn.Dolph
1:06.82 Bruce Kent,20,Pt-Claire
1:06.96 Andrew Cole,17,Dartmouth
1:07.38 Paul Crehan,19,Beaconf'ld
1:07.86 Tom Oliva,19,Nepean
1:07.97 Bernie Wollenzien,18,North York
1:08.21 Todd Gray,17,Brantford
1:08.46 Serge Score,19,Hyack
1:08.53 Rob Chernoff,15,Regina
1:08.72 Stan Fisher,16,Edm Olym
1:08.87 Howie Ewashko,16,Edm Olym
1:09.15 Steve Sproule,20,Edm Keyano
1:09.17 Rob Harris,21,Acadia Un
1:09.17 Steve Loney,21,Sask Goldf
1:09.17 Claude Lachaine,21,Pt-Claire
1:09.29 Mark Viminitz,20,Cdn.Dolph
1:09.29 Brian Hasegawa,17,Beaconf'ld
1:09.62 Marc Lapalme,15,Tracy
1:09.64 David Sweet,16,Halifax
1:09.86 Marc-A. Cloutier,16,Montmagny
1:09.91 Rod Archibald,16,Cdn.Dolph

200 M BREAST/BRASSE
Rec: 2:19.42 G.Smith, TBT,76
2:19.53 Victor Davis,17,Reg Waterl
2:21.79 Ken Fitzpatrick,18,Mississaug
2:22.77 Marco Veilleux,18,Mtl-Aquat
2:25.14 Alex Baumann,17,Sudb LUSC
2:26.32 Rob Chernoff,15,Regina
2:26.61 Paul Crehan,19,Beaconf'ld
2:26.85 Andrew Cole,17,Dartmouth
2:27.46 Steve Sproule,20,Edm Keyano
2:27.62 Bruce Kent,20,Pt-Claire
2:28.07 Stan Fisher,16,Edm Olym
2:28.36 Serge Score,19,Hyack
2:28.73 John Clark,17,Cdn.Dolph
2:29.62 Howie Ewashko,16,Edm Olym
2:30.03 Bernie Wollenzien,18,North York
2:30.18 Graham Smith,23,Univ.Calg
2:30.36 Tom Oliva,19,Nepean
2:30.44 Darren Hanvey,16,Mississaug
2:30.70 Mark Viminitz,20,Cdn.Dolph
2:31.66 Rod Archibald,16,Cdn.Dolph
2:32.41 Darcy Wallingford,14,Sudb LUSC
2:32.58 Jeff Sheehan,16,Univ.Calg
2:32.58 Todd Gray,17,Brantford
2:32.60 Marco Cavazzoni,15,Pt-Claire
2:32.77 Attila Ban,Etobicoke
2:32.97 Marc Lapalme,15,Tracy

100 M FLY/PAPILLON
Rec: 0:54.89 D.Thompson, ETOB,79
0:54.89 Dan Thompson,24,unatt
0:55.75 Peter Ward,17,Cdn.Dolph
0:56.25 Claus Bredschn'der,20,unatt
0:56.41 George Nagy,24,Edm Keyano
0:56.64 David Churchill,17,Oakville
0:56.68 Bob Ansell,16,Univ.Calg
0:57.41 Jeff Riddle,18,Edm Keyano
0:57.48 Kevin Auger,20,Reg Waterl
0:57.49 Lance Schroeder,18,unatt
0:57.62 John Lyall,24,unatt
0:57.62 Cam Green,21,Cdn.Dolph
0:57.66 Levente Mady,21,unatt
0:58.12 Wayne Kelly,18,Vic Olym
0:58.19 Jocelyn Tremblay,18,Select
0:58.35 Greg Hemstreet,21,Windsor
0:58.36 Bruce Rogers,23,Mississaug
0:58.58 Daniel Lepine,18,Select
0:58.69 Eugene Gyorfi,19,Hyack
0:58.97 Denis Dufour,20,Select
0:59.14 John Waring,17,London Y
0:59.16 Dean DeKoster,17,Hyack
0:59.20 Shane Esau,16,Univ.Calg
0:59.23 Jeff Coulson,20,Hamilton
0:59.31 Lawrence McHaffie,21,Winn SJS
0:59.37 Blair Hicken,15,Etobicoke

200 M FLY/PAPILLON
Rec: 2:00.78 P.Ward, CDSC,81
2:00.78 Peter Ward,17,Cdn.Dolph
2:02.69 Claus Bredschn'der,20,Etobicoke
2:02.86 Levente Mady,21,Etobicoke
2:03.31 Kevin Auger,20,Reg Waterl
2:04.36 Victor Davis,17,Reg Waterl
2:04.80 Lance Schroeder,18,Etobicoke
2:04.91 George Nagy,24,Edm Keyano
2:05.56 Peter Dobson,18,Hyack
2:05.96 Jeff Riddle,18,Edm Keyano
2:06.38 Cam Green,21,Cdn.Dolph
2:06.61 Shane Esau,16,Univ.Calg
2:06.92 Rob Wallenius,19,Cdn.Dolph
2:07.45 David Churchill,17,Oakville
2:07.69 Bernard L'Heureux,17,Select
2:07.94 Daniel Lepine,18,Select
2:07.97 Bob Ansell,16,Univ.Calg
2:08.16 Alex Rose,17,Hamilton
2:08.88 Martin Wray,17,Edm Keyano
2:09.30 Rob Baylis,19,Cdn.Dolph
2:09.35 Rob Masson,18,Etobicoke
2:09.35 Paul Hess,16,Reg Waterl
2:09.60 Rob Chernoff,15,Regina
2:09.72 Andre Theoret,19,Pt-Claire
2:09.85 Jeff Coulson,20,Hamilton
2:09.96 Dean DeKoster,17,Hyack

200 M I.M./QUATRE NAGES
Rec: 2:02.78 A.Baumann, LUSC,81
2:02.78 Alex Baumann,17,Sudb LUSC
2:05.28 Graham Smith,22,Univ.Calg
2:07.59 Jeff Sheehan,16,Univ.Calg
2:07.65 Cam Reid,20,Cdn.Dolph
2:07.89 Ken Fitzpatrick,18,Mississaug
2:09.16 Claus Bredschn'der,20,unatt
2:09.27 Alan Swanston,22,Reg Waterl
2:09.33 Dave Town,20,Orillia
2:09.57 Jeff Riddle,18,Edm Keyano
2:09.91 Victor Davis,17,Reg Waterl
2:10.38 Peter Dobson,18,Hyack
2:10.58 Scott Smith,20,Edm Olym
2:11.26 Rob Chernoff,15,Regina
2:12.03 Brian Johnson,18,Gloucester
2:12.08 Steve Sproule,20,Edm Keyano
2:12.31 Lance Schroeder,18,unatt
2:12.40 Pierre Lamy,17,Tracy
2:12.81 Alex Wallingford,17,Sudb LUSC
2:12.82 Andy MacDonald,17,Hyack
2:13.20 Bernard L'Heureux,18,Select
2:13.34 Benoit Clement,17,Laval
2:13.35 Darryl Banman,17,Univ.Calg
2:13.71 Scott Mollard,16,unatt
2:13.72 Scott Currie,18,Edm Keyano
2:14.05 Alec Main,17,North York

400 M I.M./QUATRE NAGES
Rec: 4:22.39 A.Baumann, LUSC,81
4:22.39 Alex Baumann,17,Sudb LUSC
4:26.76 Cam Reid,20,Cdn.Dolph
4:31.65 Peter Dobson,18,Hyack
4:34.92 Darryl Banman,17,Univ.Calg
4:34.97 Dave Town,20,Orillia
4:35.52 Claus Bredschn'der,21,unatt
4:36.20 Brian Johnson,18,Gloucester
4:37.02 Rob Wallenius,19,Cdn.Dolph
4:37.78 Jeff Riddle,18,Edm Keyano
4:37.87 Steve Sproule,20,Edm Keyano
4:38.15 Alex Wallingford,17,Sudb LUSC
4:38.30 Benoit Clement,17,Laval
4:38.38 Scott Mollard,16,unatt
4:39.06 Rob Chernoff,15,Regina
4:39.75 Jean Guimond,17,Mtl-Aquat
4:41.88 Martin Wray,17,Edm Keyano
4:43.60 Victor Davis,17,Reg Waterl
4:43.74 Mike Hoche,20,Cdn.Dolph
4:43.79 Russell Dale,19,Cdn.Dolph
4:43.90 Rob Masson,18,unatt
4:44.53 Geoff Grover,16,Cdn.Dolph
4:45.44 Andre Theoret,19,Pt-Claire
4:45.64 Brian Jessop,21,Dartmouth
4:45.75 Alec Main,17,North York
4:46.33 Attila Ban,unatt

50 M FREE/LIBRE
Rec: 0:26.25 C.Klimpel, SSAC,80
0:26.31 Carol Klimpel,18,Scarboro
0:27.16 Pam Rai,15,Hyack
0:27.16 Cathie Griffin,15,Windsor
0:27.20 Naomi Marubashi,17,Scarboro
0:27.24 Jen Campbell,15,Sudb LUSC
0:27.25 Anne Jardin,21,Pt-Claire
0:27.27 Maureen New,17,Edm Keyano
0:27.29 Kathy Bald,17,unatt
0:27.36 Andrea Schloegl,14,North York
0:27.46 Susan Duncan,16,Halifax
0:27.46 Erin Corcoran,19,Gloucester
0:27.47 Ronda Thomasson,17,Hyack
0:27.48 Danielle Clement,15,Laval
0:27.60 Kelly Neuber,19,Sudb LUSC
0:27.62 Allison Loucas,16,Reg Waterl
0:27.63 Meta Woods,15,Sask Laser
0:27.73 Deb Armstead,19,Univ.Calg
0:27.73 Janice Clarke,16,Pt-Claire
0:27.78 Reema Abdo,17,Trenton
0:27.88 Cindy McMillan,14,Hamilton
0:27.91 Linda Sanders,16,Pt-Claire
0:27.91 Lisa VanderElst,14,Calg Casc
0:27.95 Allison Soroka,16,Cdn.Dolph
0:27.97 Cheryl Langevin,15,Winn SJS
0:28.08 Nicole Bosch,17,Ajax

100 M FREE/LIBRE
Rec: 0:56.60 C.Klimpel, SSAC,81
0:56.60 Carol Klimpel,18,Scarboro
0:58.26 Maureen New,17,Edm Keyano
0:58.32 Anne Jardin,21,P-Claire
0:58.37 Jen Campbell,15,Sudb LUSC
0:58.49 Pam Rai,15,Hyack
0:58.57 Naomi Marubashi,17,Scarboro
0:58.65 Kathy Bald,17,unatt
0:58.94 Cheryl McArton,15,North York
0:59.01 Julie Daigneault,16,Pt-Claire
0:59.02 Cathie Griffin,15,Windsor
0:59.02 Kelly Neuber,19,Sudb LUSC
0:59.13 Linda Sanders,16,Pt-Claire
0:59.21 Ronda Thomasson,17,Pt-Claire
0:59.28 Deb Armstead,19,Univ.Calg
0:59.60 Val Mee,19,unatt
0:59.81 Val Whyte,17,Edm Keyano
0:59.85 Marnie Irwin,15,Univ.Calg
0:59.96 Nancy Garapick,19,Edm Keyano
0:59.97 Cheryl Gibson,21,Edm Keyano
0:59.99 Bronwyn Beatty,16,Regina
1:00.05 Danielle Clement,15,Laval
1:00.12 Debbie Masuch,16,Edm Keyano
1:00.14 Erin Corcoran,19,Gloucester
1:00.18 Kim Smylie,14,London Y
1:00.25 Karen Ward,15,Beaconf'ld

200 M FREE/LIBRE
Rec: 2:01.20 W.Quirk, EKSC,80
204.02 Carol Klimpel,18,Scarboro
204.23 Julie Daigneault,15,Pt-Claire
204.27 Anne Jardin,21,Pt-Claire
204.28 Bronwyn Beatty,16,Regina
204.68 Kathy Bald,17,unatt
205.10 Cheryl McArton,15,North York
206.00 Debbie Masuch,16,Edm Keyano
206.14 Kelly Neuber,19,Sudb LUSC
206.49 Pam Rai,15,Hyack
206.53 Linda Sanders,16,Pt-Claire
206.63 Louise Webster,16,London Y
206.80 Sandra Honour,15,Regina
207.09 Dawn Gilhooly,16,Winn SJS
207.19 Naomi Marubashi,17,Scarboro
207.38 Leslie Brafield,21,Etobicoke
207.50 Deb Armstead,19,Univ.Calg
208.09 Lois Brafield,15,Etobicoke
208.21 Jen Montgomery,16,Etobicoke
208.23 Kim Smylie,14,London Y
208.44 Marnie Irwin,15,Univ.Calg
208.89 Ronda Thomasson,17,Hyack
208.93 Barb Jickling,17,Edm Olym
209.14 Sue Melody,19,Cdn.Dolph
209.34 Karen Ward,15,Beaconf'ld
209.42 Gabe Sponheimer,17,Edm Key:

400 M FREE/LIBRE
Rec: 4:14.60 S.Smith, Hyack,76
4:17.87 Bronwyn Beatty,16,Regina
4:18.69 Cheryl McArton,15,North York
4:19.89 Julie Daigneault,15,Pt-Claire
4:20.02 Louise Webster,16,London Y
4:20.97 Karen Ward,15,Beaconf'ld
4:22.88 Sandra Honour,15,Regina
4:25.20 Debbie Masuch,16,Edm Keyano
4:27.49 Maxine Charles,16,Univ.Calg
4:27.53 Lois Brafield,15,Etobicoke
4:27.54 Chantal Venne,16,Pt-Claire
4:27.98 Sue Melody,19,Cdn.Dolph
4:28.06 Wendy Good,15,Brock-Niag
4:28.37 Naomi Marubashi,17,Scarboro
4:28.51 Kelly Neuber,19,Sudb LUSC
4:28.58 Sophie Lake,16,Univ.Calg
4:28.63 Kim Smylie,14,London Y
4:28.87 Pam Rai,15,Hyack
4:29.50 Dawn Gilhooly,15,Winn SJS
4:29.79 Katherin Coy,17,Brock-Niag
4:29.91 Kathy Richardson,17,Brock-Niag
4:30.50 MaryJo Clark,15,Edm Keyano
4:31.06 Judy Baker,18,Cdn.Dolph
4:31.65 Josee Pilon,14,Ott Kingf
4:31.88 Kevyn Stafford,16,Cdn.Dolph
4:31.90 Kelly Milne,16,London Y

Cam Henning

Lisa Borsholt

Mike West

Nancy Garapick

Women

800 M FREE/LIBRE
Rec: 8:46.39 S.Smith, Hyack,76
8:47.71 Bronwyn Beatty,16,Regina
8:51.76 Julie Daigneault,15,Pt-Claire
8:54.27 Cheryl McArton,15,North York
8:56.52 Louise Webster,16,London Y
8:57.89 Sandra Honour,16,Regina
9:00.34 Karen Ward,14,Beaconf'ld
9:00.82 Wendy Good,16,Brock-Niag
9:04.55 Sophie Lake,16,Univ.Calg
9:04.98 Maxine Charles,16,Univ.Calg
9:05.92 Chantal Venne,16,Pt-Claire
9:06.48 Debbie Masuch,16,Edm Keyano
9:07.73 Katherin Coy,17,Brock-Niag
9:08.76 Josee Pilon,14,Ott Kingf
9:11.11 Judy Baker,18,Cdn.Dolph
9:11.95 Kathy Richardson,17,Brock-Niag
9:14.09 Gabe Sponheimer,16,Edm Keya
9:16.80 Lois Brafield,15,Etobicoke
9:17.45 MaryJo Clark,15,Edm Keyano
9:17.83 Kelly Milne,17,London Y
9:19.40 Sue Melody,19,Cdn.Dolph
9:20.26 Kathy Ahola,13,Thun Bay
9:20.40 Dawn Gilhooly,15,Winn SJS
9:20.71 Kim Smylie,14,London Y
9:20.96 Anne Posno,14,London Y
9:21.32 Lisa Dixon,19,Edm Keyano

100 M BACK/DOS
Rec: 1:03.28 N.Garapick, HTAC,76
1:04.80 Cheryl Gibson,21,Edm Keyano
1:05.39 Jen Campbell,15,Sudb LUSC
1:05.57 Reema Abdo,17,Trenton
1:05.59 Barb McBain,14,Cdn.Dolph
1:06.45 Denyse Senechal,18,Mtl-Aquat
1:06.67 Melinda Copp,18,London Y
1:07.21 Kevyn Stafford,16,Cdn.Dolph
1:07.32 Val Whyte,17,Edm Keyano
1:07.59 Mich MacPherson,15,North York
1:07.76 Chris Quosdorf,14,Beaconf'ld
1:07.76 Lisa Dixon,19,Edm Keyano
1:08.10 Susan Duncan,16,Halifax
1:08.15 Lisa Cunningham,15,Ajax
1:08.21 Jen Boulianne,17,Pt-Claire
1:08.25 Alison Dozzo,13,North York
1:08.44 Cynthia Zutter,16,Edm Olym
1:08.47 Dawn Gilhooly,15,Winn SJS
1:08.53 Kelly Neuber,19,Sudb LUSC
1:08.54 Aline Larouche,16,Riv.d.Loup
1:08.76 Brenda Barnes,18,unatt
1:08.78 Maxine Charles,16,Univ.Calg
1:08.79 Maureen New,17,Edm Keyano
1:08.83 Kim Lazecki,18,Sask Goldf
1:08.83 Kathy Bald,17,unatt
1:08.86 Laurie Brafield,18,Etobicoke

200 M BACK/DOS
Rec: 2:14.13 C.Gibson, ETOB,78
2:15.91 Cheryl Gibson,21,Edm Keyano
2:19.55 Jen Campbell,15,Sudb LUSC
2:20.29 Kevyn Stafford,16,Cdn.Dolph
2:21.90 Reema Abdo,17,Trenton
2:22.76 Barb McBain,14,Cdn.Dolph
2:23.12 Mich MacPherson,15,North York
2:23.22 Melinda Copp,18,London Y
2:23.25 Lisa Dixon,19,Edm Keyano
2:23.49 Maxine Charles,16,Univ.Calg
2:24.20 Cynthia Zutter,16,Edm Olym
2:24.77 Chris Quosdorf,14,Beaconf'ld
2:25.09 Laurie Brafield,18,Etobicoke
2:25.10 Dawn Gilhooly,15,Winn SJS
2:25.61 Val Whyte,17,Edm Keyano
2:26.00 Lianne Harker,15,Ajax
2:26.17 Alison Dozzo,13,North York
2:26.80 Brenda Barnes,18,unatt
2:26.80 Lisa Cunningham,15,Ajax
2:27.03 Denyse Senechal,18,Mtl-Aquat
2:27.63 Lori O'Hara,18,Etobicoke
2:27.76 Terry Bond,18,unatt
2:27.91 Kelly Ursan,12,Hyack
2:28.05 Suzie Szmolyan,15,Univ.Calg
2:28.35 Aline Larouche,16,Riv.d.Loup
2:28.62 Jerri-L Schmidt,14,Univ.Calg

100 M BREAST/BRASSE
Rec: 1:12.35 R.Corsiglia, PCSC,77
1:13.02 Lisa Borsholt,19,Cdn.Dolph
1:13.99 Anne Ottenbrite,15,Oshawa
1:13.99 Megan Watson,16,Edm Keyano
1:14.35 Kathy Bald,17,unatt
1:14.45 Paula Kelly,16,Newf.Aquar
1:14.50 Kathy Richardson,17,Brock-Niag
1:15.91 Jan Meunier,16,Edm Olym
1:16.07 Kim Vendette,15,Sudb LUSC
1:16.39 Brenna Tymko,13,Edm Keyano
1:16.72 Johanne Chevalier,18,Mtl-POM
1:16.72 Tammy Balkwill,15,Brock-Niag
1:16.79 Helene Piekos,15,Mtl-Aquat
1:16.91 Kim Austin,17,Hyack
1:16.98 Susie Garay,16,Scarboro
1:16.98 Josee Theriault,14,Tracy
1:16.99 Elaine LeBuke,15,Halifax
1:17.00 Alison Soroka,16,Cdn.Dolph
1:17.34 Mich Coulombe,16,Mtl-Aquat
1:17.56 Linda Rodie,15,Pt-Claire
1:17.66 Alison Dozzo,13,North York
1:17.69 Cindy Ounpuu,14,Etobicoke
1:17.70 Johanne Bedard,17,Select
1:18.01 Lisa Hiruki,16,Edm Keyano
1:18.09 Cristi Clarke,14,Van Arbut
1:18.19 Janet Hyslop,13,Kenora

200 M BREAST/BRASSE
Rec: 2:35.21 S.Dezeeuw, HWAC,79
236.55 Lisa Borsholt,19,Cdn.Dolph
237.72 Anne Ottenbrite,15,Oshawa
238.30 Kathy Richardson,17,Brock-Niag
239.71 Megan Watson,16,Edm Keyano
240.55 Jan Meunier,16,Edm Olym
241.68 Kim Vendette,15,Sudb LUSC
241.74 Paula Kelly,16,Newf.Aquar
242.23 Mich Coulombe,16,Mtl-Aquat
242.86 Alison Dozzo,13,North York
243.00 Tammy Balkwill,15,Brock-Niag
243.76 Bronwyn Beatty,16,Regina
244.26 Melinda Copp,18,London Y
244.44 Kim Austin,17,Hyack
244.94 Johanne Chevalier,18,Mtl-POM
245.10 Elaine LeBuke,15,Halifax
245.44 Kathy Bald,17,unatt
245.78 Linda Rodie,15,Pt-Claire
246.34 Helene Piekos,15,Mtl-Aquat
246.95 Brenna Tymko,13,Edm Keyano
247.02 Dominiqu Roussy,15,Select
247.20 Krista Burris,13,Truro
247.22 Cindy Ounpuu,14,Etobicoke
247.23 Johanne Bedard,17,Select
247.34 Liza Bustin,16,Edm Keyano
247.86 Josee Labrie,13,Mtl-Aquat

100 M FLY/PAPILLON
Rec: 1:01.27 W.Quirk, EKSC,80
1:02.82 Mich MacPherson,15,North York
1:03.06 Pam Rai,15,Hyack
1:03.07 Kevyn Stafford,16,Cdn.Dolph
1:03.22 Deb Armstead,19,Univ.Calg
1:03.99 Nancy Garapick,19,Edm Keyano
1:04.23 Kathy Doolan,18,Windsor
1:04.44 Val Whyte,17,Edm Keyano
1:04.63 Mich Coulombe,16,Mtl-Aquat
1:04.83 Jen Campbell,15,Sudb LUSC
1:05.07 Anita VanDyke,15,Cdn.Dolph
1:05.24 Chantal Venne,16,Pt-Claire
1:05.31 Fiona Woods,17,Sask Laser
1:05.35 Renee Dube,15,Mtl-Aquat
1:05.35 Nathalie Gingras,16,Mtl-Aquat
1:05.47 Nancy Horne,18,Ott Kingf
1:05.69 Anne Jardin,2,Pt-Claire
1:05.70 Helene Boudreault,15,Oakville
1:05.81 Maureen New,17,Edm Keyano
1:05.87 Josie Daub,15,Pt-Claire
1:05.90 Kathy Richardson,17,Brock-Niag
1:05.93 Natalie Deschamps,16,Select
1:06.00 Josee Pilon,14,Ott Kingf
1:06.28 Lori O'Hara,18,Etobicoke
1:06.29 Janice Clarke,16,Pt-Claire
1:06.38 Terry Bond,18,unatt

200 M FLY/PAPILLON
Rec: 2:12.15 W.Quirk, EKSC,80
215.85 Kevyn Stafford,16,Cdn.Dolph
216.00 Nancy Garapick,19,Edm Keyano
216.13 Mich MacPherson,15,North York
216.40 Chantal Venne,16,Pt-Claire
216.42 Mich Coulombe,16,Mtl-Aquat
218.88 Val Whyte,17,Edm Keyano
219.04 Nathalie Gingras,17,Mtl-Aquat
219.58 Anita VanDyke,15,Cdn.Dolph
219.75 Lori O'Hara,18,Etobicoke
220.15 Kathy Richardson,17,Brock-Niag
220.42 Fiona Woods,16,Sask Laser
220.43 Lisa Hoganson,15,Dartmouth
220.78 Katherin Coy,18,Brock-Niag
221.02 Anne Jardin,21,Pt-Claire
221.35 Jen Campbell,15,Sudb LUSC
221.60 Judy Baker,18,Cdn.Dolph
221.94 Renee Dube,15,Mtl-Aquat
222.09 Meta Woods,15,Sask Laser
222.44 Natalie Deschamps,16,Select
222.69 Wendy Webber,16,Etobicoke
222.76 Josee Pilon,14,Ott Kingf
222.82 Sharon Scott,17,Pt-Claire
223.03 Terry Bond,18,unatt
223.11 Nancy Horne,18,Ott Kingf
223.61 Josie Daub,15,Pt-Claire

200 M I.M./QUATRE NAGES
Rec: 2:18.51 B.Smith, OSC,77
220.02 Nancy Garapick,19,Edm Keyano
220.04 Kathy Bald,17,unatt
220.61 Cheryl Gibson,21,Edm Keyano
221.10 Kevyn Stafford,17,Cdn.Dolph
222.43 Jen Campbell,15,Sudb LUSC
222.78 Carol Klimpel,18,Scarboro
223.33 Mich MacPherson,15,North York
223.79 Mich Coulombe,16,Mtl-Aquat
224.04 Kathy Richardson,17,Brock-Niag
224.07 Lisa Dixon,19,Univ.Calg
224.44 Alison Dozzo,13,North York
224.59 Ronda Thomasson,17,Hyack
224.71 Kim Vendette,15,Sudb LUSC
225.28 Natalie Deschamps,16,Select
225.50 Bronwyn Beatty,16,Regina
225.84 Deb Armstead,19,Univ.Calg
226.12 Melinda Copp,18,London Y
226.41 Paula Kelly,16,Newf.Aquar
226.96 Elaine LeBuke,16,Halifax
227.21 Allison Soroka,16,Cdn.Dolph
227.30 Debbie Masuch,16,Edm Keyano
227.77 Helen Chow,15,Cranbrook
228.01 Maureen New,17,Edm Keyano
228.07 Johanne Chevalier,18,Mtl-POM
228.33 Maxine Charles,16,Univ.Calg

400 M I.M./QUATRE NAGES
Rec: 4:48.10 C.Gibson, CDSC,76
4:50.12 Mich MacPherson,15,North York
4:53.10 Cheryl Gibson,21,Edm Keyano
4:55.54 Kathy Richardson,17,Brock-Niag
4:56.32 Nancy Garapick,19,Edm Keyano
4:58.60 Jen Campbell,15,Sudb LUSC
5:00.08 Kevyn Stafford,16,Cdn.Dolph
5:00.90 Maxine Charles,16,Univ.Calg
5:00.96 Bronwyn Beatty,16,Regina
5:01.60 Lisa Dixon,19,Edm Keyano
5:02.60 Nathalie Gingras,17,Mtl-Aquat
5:02.77 Mich Coulombe,16,Mtl-Aquat
5:02.79 Melinda Copp,18,London Y
5:03.39 Alison Dozzo,13,North York
5:06.67 Chantal Venne,16,Pt-Claire
5:07.06 Kim Vendette,15,Sudb LUSC
5:08.53 Fiona Waddell,14,Cdn.Dolph
5:09.13 Debbie Masuch,16,Edm Keyano
5:09.13 Judy Baker,18,Cdn.Dolph
5:09.44 Jerri-L Schmidt,14,Univ.Calg
5:10.03 Tammy Balkwill,15,Brock-Niag
5:10.65 Natalie Deschamps,16,Select
5:12.38 Cheryl McArton,15,North York
5:12.49 Helen Chow,15,Cranbrook
5:13.16 Marsha Tufts,18,Edm Keyano
5:13.29 Anne Posno,14,London Y

swim info natation

Esso Swim Canada Update

The awards in the form of crests, decals and certificates have been developed and are available to facilities that have piloted the program. Current efforts focus on establishing the necessary leadership packages to train instructors. Guidelines have been established for master course conductors, course conductors and instructors.

Plans call for the training of master course conductors from all sections to begin in late November. This will permit those sections that are ready to begin the training of course conductors and instructors this month (December).

The Esso Swim Canada poster is currently available to all sections. Other promotional material such as posters and brochures will be available within the next few weeks. For further information, please contact Ray Allard, CASA Director of Participation Services.

Coaching help needed in the Bahamas

Elizabeth van Zanden, Secretary of the Barracuda Swim Club in Nassau, Bahamas, wrote to the national office recently, an excerpt from which is printed here:

"We are a young small club located in a 25-metre outdoor pool at a school. None of our coaches are trained, but we do our best for the children, who range in age from five to 16. Could you help us locate an experienced coach who would like to take a busman's holiday (all expenses paid) here for three or four weeks? All his travel expenses would be paid and he would be put up at a home. In return, we would ask him to help with our coaches and the organization of the club.

"We would prefer a man. I am sure there are many qualified women who can do the job, but she would run into definite problems with prejudice. We would like to get going on this as soon as possible, especially since it is usually too cold to do much swimming between the middle of December and the end of February."

Any takers? Write air mail to Elizabeth at the Barracuda Swim Club, P.O. Box N3005, Nassau, Bahamas, or call her collect at (809) 323-2025.

Time Standards on the way

Time standards for 25 and 50 metre pools are ready and have been distributed. Contact Hilda Brownlee at the national office if you haven't received yours.

Tie one on!

The national office is now taking orders for the new CASA necktie, as displayed at the annual general meeting in October at Quebec City.

The tie is navy blue, with a fine red and white stripe, and bears the CASA logo. Orders should be sent to Hilda Brownlee's attention, along with $10 for each tie.

Swim-A-Thon names still missing

There are still sections that have yet to submit the names of their Top 10 achievers, or the sizes for their top achiever, for the 1981 Swim-A-Thon. Please forward this information to Hilda Brownlee as soon as possible, so Hilda can place the orders with Arena.

While still on the topic of Swim-A-Thon, the kit material was available in early November for any section or club that wished to have their material early. The price per kit is $0.60. Kit material may also be purchased separately. For more information, call Hilda in Ottawa.

1982 National Conference

The Canadian Amateur Swimming Association and Canadian Swimming Coaches Association invite you to attend their second National Conference, October 27-31, 1982.

The conference will be held in the excellent conference centre at Mont Ste Marie.

Top European and North American speakers have been invited. Top Canadian coaches and sport scientists will also be on the program. Full speaker program details will be available in the spring of 1982.

The first conference, also held at Mont Ste Marie was an outstanding success; according to many of the coaches and speakers, it was among the very best swimming coaching conferences ever held.

We hope that you will plan to attend this exciting event.

If you wish information or wish to have further details sent to you, please contact:

CASA (National Coaches Conference, 1982), 333 River Road, Ottawa, Ontario, K1L 8B9
Telex: 0534302

Natation Esso Canada: nouvelles

Nous avons préparé des écussons, des autocollants et des certificats qui serviront de prix pour ce programme. Les clubs qui l'ont piloté peuvent se les procurer dès maintenant. On s'efforce également de compiler la documentation nécessaire pour la formation des instructeurs. Des lignes directrices ont déjà été élaborées pour former des instruceurs, des directeurs et des directeurs en chef de cours.

On compte commencer la formation des directeurs en chef des cours, permettant ainsi aux sections qui seront prêtes de commencer en décembre à former des directeurs de cours et des instructeurs.

Toutes les sections peuvent maintenant obtenir l'affiche Natation Esso Canada et, d'ici quelques semaines, d'autre matériel promotionnel comme des affiched et des brochures. Pour tout renseignement, communiquez avec Ray Allard, directeur des services de participation, ACNA.

Les Bahamas en mal d'entraîneurs

Le bureau national a reçu une lettre d'Elizabeth van Zanden, secrétaire du club de natation Barracuda, à Nassau, aux Bahamas. En voici un extrait:

"Notre jeune et petit club a à sa disposition la piscine extérieure de 25 m d'une école. Aucun de nos entraîneurs n'a subi de formation, mais nous faisons notre possible pour les enfants, dont les âges s'échelonnent entre cinq et seize ans. Pourriez-vous nous a der à trouver un entraîneur expérimenté et intéressé à venir ici pour trois ou quatre semaines de vacances d'affaires toutes dépenses payées? Nous nous occuperons de tous ses frais de séjour, et il serait hébergé dans une famille. En retour, il aidera nos entraîneurs et participera à l'organisation du club.

Nous préférerions un homme. Je suis certaine qu'un grand nombre de femmes seraient tout aussi qualifiées, mais elles se heurteraient sûrement à des préjugés. Nous aimerions que ce projet se réalise le plus tôt possible, étant donné qu'il fait habituellement trop froid pour nager entre la mi-décembre et la fin février."

Cela vous intéresse? Communiquez en anglais et par courrier aérien avec Elizabeth van Zanden, au Barracuda Swim Club, P.O. Box N3005, Nassau, Bahamas, ou téléphonez-lui à frais virés au (809) 323-2025.

Normes de temps bientôt disponibles

Les normes de temps pour les piscines de 25 et de 50 m sont maintenant disponible et ont été distribuées au début du mois. Vous pouvez rejoindre Hilda Brownlee, au bureau national si vous n'avez pas encore reçu les votres.

Laissez-vous cravater!

Le bureau national accepte maintenant des commandes pour la nouvelle cravate de l'ACNA, qui était exposée lors de l'assemblée générale annuelle, à Québec.

La cravate est bleu marine avec une étroite ligne rouge et blance et l'emblême de l'ACNA. Faites parvenir vos commandes avec 10 dollars pour chaque cravate, à Hilda Brownlee.

Il nous manque des noms

Certaines sections n'ont toujours pas remis les noms de leurs dix meilleurs participants ou la taille du meilleure participant au Nage-o-thon 1981. Veuillez faire parvenir ces renseignements à Hild Brownlee le plus tôt possible pour qu'elle puisse passer les commandes auprès d'Arena.

En parlant du Nage-o-thon, la pochette de matériel était disponible au début de novembre pour les clubs ou les sections qui désiraient se les procurer tôt. Chaque pochette coûte 60 cents. Les articles qu'elle contient peuvent aussi s'acheter séparémment. Pour d'autre renseignements, comminuquez avec Hilda, à Ottawa.

Séminaire National 1982

C'est avec grand plaisir que l'Association Canadienne des Entraîneurs de Natation en collaboration avec l'Association Canadienne de Natation Amateur vous invite à son deuxième Séminaire National, du 27 au 31 Octobre, 1982, dans l'excellent centre de conference Cantrakon du Mont Ste-Marie à Québec.

Quelques conférenciers européens et américains de manque ont été invités à notre séminaire. Nos meilleurs specialistes et entraîneurs canadiens sont aussi du programme. Le succès évident de notre premier séminaire, au Mont Ste-Marie, nous permet de présager le meilleur des congrès d'entraîneur de natation en Amérique du Nord.

Un programme complet sera publié au printemps 1982. Pour plus d'information, veillez s'il-vous-plaît communiquer avec:

ACNA (Séminaire national des entraîneurs de natation, 1982)
333 River Road, Tour "C" - 9ième étage, Ottawa, Ontario, K1L 8B9
Telex — 0534302

ACCUSPLIT DIGITAL TIMERS

New Accusplits for 82 — bigger displays on all models, new design for easier control.

CANADA-WIDE TOLL-FREE TELEPHONE ORDERING:

1-800-268-4014

TORONTO AREA (416) 694-6565

ACCUSPLIT 605
Basic series timer, timing range: 0.01 sec to 1 hr. Positivive action switch, LCD display, one year battery life, water tight construction, event time/out. *Only $39.99 each.*

ACCUSPLIT 705XP
The new standard of quality in event timers with start/stop and time-in/time-out features. 10hr timing range. *Only $49.99 each.*

ACCUSPLIT 760XP
The new cumulative or lap split with total 'Memory.' Stores up to four cum or four lap splits with total automatically. *Only $119.99 each.*

ACCUSPLIT 725XP
Cumulative splits or lap splits, start/stop, time-in/time-out features. 10hr timing range. *Only $59.99 each.*

Extra Performance Series — New five (5) year warranty on new positive action switches;
New Instant Repair Service; New extra large liquid crystal (LCD), new three-year battery life, water tight construction.

ACCUSPLIT 730XP
The new dual split timer with memory. Takes both cum and lap splits simultaneously. *Only $89.99 each*

ACCUSPLIT 740XP
A full-featured cumulative split stopwatch with 'Memory.' Stores up to four cum splits automatically. *Only $99.99 each.*

Swimmers' World Limited

CHARGEX VISA master charge

CANADA WIDE TOLL FREE CALLING 1 — 800 — 268-4014

Eastern Canada
2219 Queen Street East
TORONTO, Ontario
M4E 1E8

Western Canada
Box 1594
WINNIPEG, Manitoba
R3C 2Z6

SPEEDO® is the registered trademark of Speedo Knitting Mills Pty. Limited
Harold Rotnick — A Division of Warnaco Canada Limited 3550 Iberville St., Montreal, Quebec H2G 2B4 (514) 270-7231